

SEQUENCE LISTING

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<120> Peptides

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Glu Ala Glu Arg Val Ser Gln Ala His Arg Gly Arg Thr Gly Gln
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Gly Arg His Pro Ser Trp Pro Trp Thr Arg Cys Leu Arg Met Arg Pro
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Pro Arg Ser

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1 5 10 15
Trp Thr Arg Cys Leu Arg Met Arg Pro Pro Arg Ser
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Pro Trp Thr

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Ile Gln Asp Arg Ala Gly Arg Met Gly Gly Gly Gly Thr Arg Ala Gly
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Pro Gly Pro Gly Ala Ser Gly Cys Val His Gln Glu Ala Glu Arg Val
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Ser Gln Ala His Arg Gly Arg Thr Gly Gln
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Ile Gln Asp Arg Ala Gly Arg Met Gly Gly Gly Thr Arg Ala Gly Pro
1 5 10 15

Gly Pro Gly

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Trp Thr Arg Cys Leu Arg
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Ala Ser Gly Cys Val His Gln Glu Ala Glu Arg Val Ser Gln Ala His
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Arg Gly Arg Thr Gly Gln
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Gly Gly Thr Arg Ala Gly Pro Gly Pro Gly Ala Ser Gly Cys Val His
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Gln Glu Ala Glu Arg Val
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Ile Gln Asp Arg Ala Gly Arg Met Gly Gly Gly Gly Thr Arg Ala Gly
1 5 10 15

Pro Gly Pro Gly Ala Ser
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Ser Leu Val Arg Leu Ser Ser Cys Val Pro Val Ala Leu Met Ser Ala
1 5 10 15

Met Thr Thr Ser Ser Ser Gln Lys Asn Ile Thr Pro Ala Ile Leu Thr
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Cys Cys

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Ser Pro Lys Cys Ile Met Lys Glu Lys Lys Ser Leu Val Arg Leu Ser
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Ser Cys Val Pro Val Ala Leu Met Ser Ala Met Thr Thr Ser Ser Ser
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Gln Lys Asn Ile Thr Pro Ala Ile Leu Thr Cys Cys
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Pro Lys Cys Ile Met Lys Glu Lys Lys Lys Ser Leu Val Arg Leu Ser
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Ser Cys Val

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Ala Leu Met Ser Ala Met Thr Thr Ser Ser Ser Gln Lys Asn Ile Thr
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Pro Ala Ile Leu Thr Cys Cys
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Ser Leu Val Arg Leu Ser Ser Cys Val Pro Val Ala Leu Met Ser Ala
1 5 10 15

Met Thr Thr Ser Ser Ser Gln
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Ser Pro Lys Cys Ile Met Lys Glu Lys Lys Ser Leu Val Arg Leu Ser
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Ser Cys Val Pro Val Ala
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Ser Pro Lys Cys Ile Met Lys Glu Lys Lys Ala Trp
Page 6

1 5 10

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Pro Lys Cys Ile Met Lys Glu Lys Lys Lys Ala Trp
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Ala Met Thr Thr Ser Ser Ser Gln Lys Asn Ile Thr Pro Ala Ile Leu
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Thr Cys Cys

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Thr Val Gly Arg Pro His Ile Ser Cys
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Lys Thr Val Gly Arg Pro His Ile Ser Cys
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Gln Thr

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Thr

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Gln Lys Thr Ile Lys Ser Thr Arg Lys Lys Thr Val Gly Arg Pro His
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Ile Ser Cys

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Gln Lys Thr Ile Lys Ser Thr Arg Lys Lys Lys Thr Val Gly Arg Pro
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His Ile Ser Cys
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Gln Lys Thr Ile Lys Ser Thr Arg Lys Lys Lys Gln Trp Glu Asp Pro
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Thr Ser Pro Ala Asn Val Ile Ala Leu Leu Gln Thr
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Gln Lys Thr Ile Lys Ser Thr Arg Lys Lys Gln Trp Glu Asp Pro Thr
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Ser Pro Ala Asn Val Ile Ala Leu Leu Gln Thr
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Ala Ala Asp Leu Gln Gln Gln Phe Val His Phe Leu Asp Cys Trp Asp
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Val Ser Ser Ile Pro Phe Thr Leu His Leu Pro Gln Ala Gln Asp Ile
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Thr Thr

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Gly Lys Asp Ala Lys Glu Lys Ser Ser
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Gly Lys Asp Ala Lys Glu Lys Lys Ser Ser
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Gly Lys Asp Ala Lys Glu Lys Lys Ala Ala Asp Leu Gln Gln Gln Phe
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Val His Phe Leu Asp Cys Trp Asp Val Ser Ser Ile Pro Phe Thr Leu
20 25 30

His Leu Pro Gln Ala Gln Asp Ile Thr Thr
35 40

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<400> 34

Gly Lys Asp Ala Lys Glu Lys Ala Ala Asp Leu Gln Gln Gln Phe Val
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His Phe Leu Asp Cys Trp Asp Val Ser Ser Ile Pro Phe Thr Leu His
20 25 30

Leu Pro Gln Ala Gln Asp Ile Thr Thr
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Phe Ser Met Lys Gln Thr Leu Met Asn Val Lys Asn Leu Lys Thr Lys
1 5 10 15

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Lys Phe Ser Met Lys Gln Thr Leu Met Asn Val Lys Asn Leu Lys Thr
1 5 10 15

Lys

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Val Arg Thr Ser Lys Thr Arg Lys Lys Phe Ser Met Lys Gln Thr Leu
1 5 10 15

Met Asn Val Lys Asn Leu Lys Thr Lys
20 25

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Val Arg Thr Ser Lys Thr Arg Lys Lys Lys Phe Ser Met Lys Gln Thr
1 5 10 15

Leu Met Asn Val Lys Asn Leu Lys Thr Lys
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Val Arg Thr Ser Lys Thr Arg Lys Lys Asn Phe Pro
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Val Arg Thr Ser Lys Thr Arg Lys Asn Phe Pro
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Ile Lys Lys Lys Leu Leu Gln Phe Gln Lys
1 5 10

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Lys Ile Lys Lys Lys Leu Leu Gln Phe Gln Lys
1 5 10

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Lys Ser Arg Arg Asn Tyr Phe Asn Phe Lys Asn Asn Cys Gln Ser Arg
1 5 10 15

Leu

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Ser Arg Arg Asn Tyr Phe Asn Phe Lys Asn Asn Cys Gln Ser Arg Leu
1 5 10 15

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Thr Asn Leu Arg Val Ile Gln Lys Ile Lys Lys Lys Leu Leu Gln Phe
1 5 10 15

Gln Lys

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Thr Asn Leu Arg Val Ile Gln Lys Lys Ile Lys Lys Lys Leu Leu Gln
1 5 10 15

Phe Gln Lys

<210> 47

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<213> Homo sapiens

<400> 47

Thr Asn Leu Arg Val Ile Gln Lys Lys Ser Arg Arg Asn Tyr Phe Asn
1 5 10 15

Phe Lys Asn Asn Cys Gln Ser Arg Leu
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<213> Homo sapiens

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Thr Asn Leu Arg Val Ile Gln Lys Ser Arg Arg Asn Tyr Phe Asn Phe
1 5 10 15

Lys Asn Asn Cys Gln Ser Arg Leu
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Lys Ile Met Ile Thr
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Asn Ile Asp Lys Ile Pro Glu Lys Ile Met Ile Thr
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Asn Ile Asp Lys Ile Pro Glu Lys Lys Ile Met Ile Thr
1 5 10

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Ile Ile Asn Ala Asn
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Lys Ile Ile Asn Ala Asn
1 5

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Asn Asp Lys Thr Val Ser Glu Lys Ile Ile Asn Ala Asn
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Asn Asp Lys Thr Val Ser Glu Lys Lys Ile Ile Asn Ala Asn
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Asn Gly Leu Glu Lys Glu Tyr Leu Met Val Asn Gln Lys Glu
1 5 10

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Ser Gln Thr Ser Leu Leu Glu Ala Lys Asn Gly Leu Glu Lys Glu Tyr
1 5 10 15

Leu Met Val Asn Gln Lys Glu
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Ser Gln Thr Ser Leu Leu Glu Ala Lys Lys Asn Gly Leu Glu Lys Glu
1 5 10 15

Tyr Leu Met Val Asn Gln Lys Glu
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Ser Gln Thr Ser Leu Leu Glu Ala Lys Lys Met Ala
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Ser Gln Thr Ser Leu Leu Glu Ala Lys Met Ala
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Thr Leu Val Phe Pro Lys
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Lys Thr Leu Val Phe Pro Lys
1 5

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Leu Lys Asn Val Glu Asp Gln Lys Thr Leu Val Phe Pro Lys
1 5 10

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Leu Lys Asn Val Glu Asp Gln Lys Lys Thr Leu Val Phe Pro Lys
1 5 10 15

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Leu Lys Asn Val Glu Asp Gln Lys Lys His
1 5 10

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<213> Homo sapiens

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Leu Lys Asn Val Glu Asp Gln Lys His
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Lys Lys Ile Gln Leu Tyr
1 5

<210> 68

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Lys Lys Lys Ile Gln Leu Tyr
1 5

<210> 69

<211> 36

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<213> Homo sapiens

<400> 69

Arg Lys Arg Phe Ser Tyr Thr Glu Tyr Leu Ala Ser Ile Ile Arg Phe
1 5 10 15

Ile Phe Ser Val Asn Arg Arg Lys Glu Ile Gln Asn Leu Ser Ser Cys
20 25 30

Asn Phe Lys Ile
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Leu Arg Ile Val Ser Tyr Ser Lys Lys Lys Lys Ile Gln Leu Tyr
1 5 10 15

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<400> 71

Leu Arg Ile Val Ser Tyr Ser Lys Lys Lys Lys Lys Ile Gln Leu Tyr
1 5 10 15

<210> 72

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<213> Homo sapiens

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Leu Arg Ile Val Ser Tyr Ser Lys Lys Arg Lys Arg Phe Ser Tyr Thr
1 5 10 15

Glu Tyr Leu Ala Ser Ile Ile Arg Phe Ile Phe Ser Val Asn Arg Arg
20 25 30

Lys Glu Ile Gln Asn Leu Ser Ser Cys Asn Phe Lys Ile
35 40 45

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Leu Arg Ile Val Ser Tyr Ser Lys Arg Lys Arg Phe Ser Tyr Thr Glu
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Tyr Leu Ala Ser Ile Ile Arg Phe Ile Phe Ser Val Asn Arg Arg Lys
20 25 30

Glu Ile Gln Asn Leu Ser Ser Cys Asn Phe Lys Ile
35 40

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Gln Asp Leu Pro Leu Ser Ser Ile Cys Gln Thr Ile Val Thr Ile Tyr
1 5 10 15

Trp Gln

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Lys Gln Asp Leu Pro Leu Ser Ser Ile Cys Gln Thr Ile Val Thr Ile
1 5 10 15

Tyr Trp Gln

<210> 76

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<213> Homo sapiens

<400> 76

Asn Arg Thr Cys Pro Phe Arg Leu Phe Val Arg Arg Met Leu Gln Phe
1 5 10 15

Thr Gly Asn Lys Val Leu Asp Arg Pro
20 25

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<211> 27

<212> PRT

<213> Homo sapiens

<400> 77

Gly Phe Val Val Ser Val Val Lys Lys Gln Asp Leu Pro Leu Ser Ser
1 5 10 15
Ile Cys Gln Thr Ile Val Thr Ile Tyr Trp Gln
20 25

<210> 78

<211> 28

<212> PRT

<213> Homo sapiens

<400> 78

Gly Phe Val Val Ser Val Val Lys Lys Lys Gln Asp Leu Pro Leu Ser
1 5 10 15
Ser Ile Cys Gln Thr Ile Val Thr Ile Tyr Trp Gln
20 25

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<211> 34

<212> PRT

<213> Homo sapiens

<400> 79

Gly Phe Val Val Ser Val Val Lys Lys Asn Arg Thr Cys Pro Phe Arg
1 5 10 15
Leu Phe Val Arg Arg Met Leu Gln Phe Thr Gly Asn Lys Val Leu Asp
20 25 30

Arg Pro

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<213> Homo sapiens

<400> 80

Gly Phe Val Val Ser Val Val Lys Asn Arg Thr Cys Pro Phe Arg Leu
1 5 10 15

Phe Val Arg Arg Met Leu Gln Phe Thr Gly Asn Lys Val Leu Asp Arg
20 25 30

Pro

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<400> 81

Tyr Arg Lys Thr Lys Asn Gln Asn
1 5

<210> 82

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<400> 82

Lys Tyr Arg Lys Thr Lys Asn Gln Asn
1 5

<210> 83

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<400> 83

Asn Thr Glu Arg Pro Lys Ile Arg Thr Asn
1 5 10

<210> 84

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Asp Glu Thr Phe Tyr Lys Gly Lys Lys Tyr Arg Lys Thr Lys Asn Gln
1 5 10 15

Asn

<210> 85

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<400> 85

Asp Glu Thr Phe Tyr Lys Gly Lys Lys Lys Tyr Arg Lys Thr Lys Asn
1 5 10 15

Gln Asn

<210> 86

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<213> Homo sapiens

<400> 86

Asp Glu Thr Phe Tyr Lys Gly Lys Lys Asn Thr Glu Arg Pro Lys Ile
1 5 10 15

Arg Thr Asn

<210> 87

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<400> 87

Asp Glu Thr Phe Tyr Lys Gly Lys Asn Thr Glu Arg Pro Lys Ile Arg
1 5 10 15

Thr Asn

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<213> Homo sapiens

<400> 88

Leu Ser Ile Asn Asn Tyr Arg Phe Gln Met Lys Phe Tyr Phe Arg Phe
1 5 10 15
Thr Ser His Gly Ser Pro Phe Thr Ser Ala Asn Phe
20 25

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<213> Homo sapiens

<400> 89

Lys Leu Ser Ile Asn Asn Tyr Arg Phe Gln Met Lys Phe Tyr Phe Arg
1 5 10 15
Phe Thr Ser His Gly Ser Pro Phe Thr Ser Ala Asn Phe
20 25

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<400> 90

Asn Ser Val Ser Thr Thr Thr Gly Phe Arg
1 5 10

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<213> Homo sapiens

<400> 91

Asn Ile Gln Leu Ala Ala Thr Lys Lys Leu Ser Ile Asn Asn Tyr Arg
1 5 10 15
Phe Gln Met Lys Phe Tyr Phe Arg Phe Thr Ser His Gly Ser Pro Phe
20 25 30

Thr Ser Ala Asn Phe
35

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<213> Homo sapiens

<400> 92

Asn Ile Gln Leu Ala Ala Thr Lys Lys Lys Leu Ser Ile Asn Asn Tyr
1 5 10 15

Arg Phe Gln Met Lys Phe Tyr Phe Arg Phe Thr Ser His Gly Ser Pro
20 25 30

Phe Thr Ser Ala Asn Phe
35

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<213> Homo sapiens

<400> 93

Asn Ile Gln Leu Ala Ala Thr Lys Lys Asn Ser Val Ser Thr Thr Thr
1 5 10 15

Gly Phe Arg

<210> 94

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<400> 94

Asn Ile Gln Leu Ala Ala Thr Lys Asn Ser Val Ser Thr Thr Thr Gly
1 5 10 15

Phe Arg

<210> 95

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<400> 95

Met Glu His Val Ala Pro Gly Arg Met Ser Ala Ser Pro Gln Ser Pro
1 5 10 15

Thr Gln

<210> 96

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<213> Homo sapiens

<400> 96

Lys Met Glu His Val Ala Pro Gly Arg Met Ser Ala Ser Pro Gln Ser
1 5 10 15

Pro Thr Gln

<210> 97

<211> 59

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<213> Homo sapiens

<400> 97

Lys Trp Ser Thr Trp Leu Gln Ala Glu Cys Gln His Leu His Ser Pro
1 5 10 15

Gln Arg Ser Asp Lys Pro Gln Gln Ala Gly Leu Asp Gln Gln His His
20 25 30

Cys Phe Ala Leu Asp Ser Ser Pro Gly Pro Arg Pro Val Phe Leu Gln
35 40 45

Leu Leu Gly Leu Met Gly Gln Gly Arg His Asp
50 55

<210> 98

<211> 58

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<213> Homo sapiens

<400> 98

Trp Ser Thr Trp Leu Gln Ala Glu Cys Gln His Leu His Ser Pro Gln
1 5 10 15
Arg Ser Asp Lys Pro Gln Gln Ala Gly Leu Asp Gln Gln His His Cys
20 25 30
Phe Ala Leu Asp Ser Ser Pro Gly Pro Arg Pro Val Phe Leu Gln Leu
35 40 45
Leu Gly Leu Met Gly Gln Gly Arg His Asp
50 55

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<400> 99

Thr Phe Ser Val Trp Ala Glu Lys Met Glu His Val Ala Pro Gly Arg
1 5 10 15
Met Ser Ala Ser Pro Gln Ser Pro Thr Gln
20 25

<210> 100

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<400> 100

Thr Phe Ser Val Trp Ala Glu Lys Lys Met Glu His Val Ala Pro Gly
1 5 10 15
Arg Met Ser Ala Ser Pro Gln Ser Pro Thr Gln
20 25

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<400> 101

Thr Phe Ser Val Trp Ala Glu Lys Lys Trp Ser Thr Trp Leu Gln Ala
 1 5 10 15
 Glu Cys Gln His Leu His Ser Pro Gln Arg Ser Asp Lys Pro Gln Gln
 20 25 30
 Ala Gly Leu Asp Gln Gln His His Cys Phe Ala Leu Asp Ser Ser Pro
 35 40 45
 Gly Pro Arg Pro Val Phe Leu Gln Leu Leu Gly Leu Met Gly Gln Gly
 50 55 60
 Arg His Asp
 65

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<400> 102

Thr Phe Ser Val Trp Ala Glu Lys Trp Ser Thr Trp Leu Gln Ala Glu
 1 5 10 15
 Cys Gln His Leu His Ser Pro Gln Arg Ser Asp Lys Pro Gln Gln Ala
 20 25 30
 Gly Leu Asp Gln Gln His His Cys Phe Ala Leu Asp Ser Ser Pro Gly
 35 40 45
 Pro Arg Pro Val Phe Leu Gln Leu Leu Gly Leu Met Gly Gln Gly Arg
 50 55 60
 His Asp
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His Lys Trp Leu Lys Phe Cys Leu Leu Arg Leu Val Lys Glu Ser Phe
 1 5 10 15
 His Glu

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Lys His Lys Trp Leu Lys Phe Cys Leu Leu Arg Leu Val Lys Glu Ser
1 5 10 15
Phe His Glu

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<400> 105

Lys Gly Gly Lys Ala Lys Gly Lys Lys His Lys Trp Leu Lys Phe Cys
1 5 10 15
Leu Leu Arg Leu Val Lys Glu Ser Phe His Glu
20 25

<210> 106

<211> 28

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<213> Homo sapiens

<400> 106

Lys Gly Gly Lys Ala Lys Gly Lys Lys Lys His Lys Trp Leu Lys Phe
1 5 10 15
Cys Leu Leu Arg Leu Val Lys Glu Ser Phe His Glu
20 25

<210> 107

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<400> 107

Lys Gly Gly Lys Ala Lys Gly Lys Lys Asn Thr Asn Gly
Page 30

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<400> 108

Lys Gly Gly Lys Ala Lys Gly Lys Asn Thr Asn Gly
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Val Asn Asn Phe Phe Lys Lys Leu
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Lys Val Asn Asn Phe Phe Lys Lys Leu
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Leu Ser Gln Gly Asn Val Lys Lys Val Asn Asn Phe Phe Lys Lys Leu
1 5 10 15

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Leu Ser Gln Gly Asn Val Lys Lys Lys Val Asn Asn Phe Phe Lys Lys
1 5 10 15

Leu

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<213> Homo sapiens

<400> 113

Gly Glu Lys Asn Asp Leu Gln Leu Phe Val Met Ser Asp Arg Arg Tyr
1 5 10 15

Lys Ile Tyr Trp Thr Val Ile Leu Leu Asn Pro Cys Gly Asn Leu His
20 25 30

Leu Lys Thr Thr Ser Leu
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<213> Homo sapiens

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Lys Gly Glu Lys Asn Asp Leu Gln Leu Phe Val Met Ser Asp Arg Arg
1 5 10 15

Tyr Lys Ile Tyr Trp Thr Val Ile Leu Leu Asn Pro Cys Gly Asn Leu
20 25 30

His Leu Lys Thr Thr Ser Leu
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Lys Gly Lys Lys Met Ile Cys Ser Tyr Ser
1 5 10

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Gly Lys Lys Met Ile Cys Ser Tyr Ser
1 5

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<213> Homo sapiens

<400> 117

Ser Ser Lys Thr Phe Glu Lys Lys Gly Glu Lys Asn Asp Leu Gln Leu
1 5 10 15

Phe Val Met Ser Asp Arg Arg Tyr Lys Ile Tyr Trp Thr Val Ile Leu
20 25 30

Leu Asn Pro Cys Gly Asn Leu His Leu Lys Thr Thr Ser Leu
35 40 45

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Ser Ser Lys Thr Phe Glu Lys Lys Lys Gly Glu Lys Asn Asp Leu Gln
1 5 10 15

Leu Phe Val Met Ser Asp Arg Arg Tyr Lys Ile Tyr Trp Thr Val Ile
20 25 30

Leu Leu Asn Pro Cys Gly Asn Leu His Leu Lys Thr Thr Ser Leu

35 40 45

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<400> 119

Ser Ser Lys Thr Phe Glu Lys Lys Lys Gly Lys Lys Met Ile Cys Ser
 1 5 10 15

Tyr Ser

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<400> 120

Ser Ser Lys Thr Phe Glu Lys Lys Gly Lys Lys Met Ile Cys Ser Tyr
 1 5 10 15

Ser

<210> 121

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<213> Homo sapiens

<400> 121

Gln Arg Lys Pro Lys Arg Ala Asn Cys Val Ile Gln Arg Arg Ala Lys
 1 5 10 15

Met

<210> 122

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<213> Homo sapiens

<400> 122

Lys Gln Arg Lys Pro Lys Arg Ala Asn Cys Val Ile Gln Arg Arg Ala
1 5 10 15
Lys Met

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<211> 26

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<213> Homo sapiens

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Asn Lys Glu Asn Gln Lys Glu Gln Thr Ala Leu Leu Tyr Arg Gly Gly
1 5 10 15
Gln Arg Cys Arg Cys Val Cys Leu Arg Phe
20 25

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<213> Homo sapiens

<400> 124

Pro Asp Tyr Gln Pro Pro Ala Lys Lys Gln Arg Lys Pro Lys Arg Ala
1 5 10 15
Asn Cys Val Ile Gln Arg Arg Ala Lys Met
20 25

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<213> Homo sapiens

<400> 125

Pro Asp Tyr Gln Pro Pro Ala Lys Lys Lys Gln Arg Lys Pro Lys Arg
1 5 10 15
Ala Asn Cys Val Ile Gln Arg Arg Ala Lys Met
20 25

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<211> 35

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<213> Homo sapiens

<400> 126

Pro Asp Tyr Gln Pro Pro Ala Lys Lys Asn Lys Glu Asn Gln Lys Glu
1 5 10 15
Gln Thr Ala Leu Leu Tyr Arg Gly Gly Gln Arg Cys Arg Cys Val Cys
20 25 30
Leu Arg Phe
35

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<213> Homo sapiens

<400> 127

Pro Asp Tyr Gln Pro Pro Ala Lys Asn Lys Glu Asn Gln Lys Glu Gln
1 5 10 15
Thr Ala Leu Leu Tyr Arg Gly Gly Gln Arg Cys Arg Cys Val Cys Leu
20 25 30
Arg Phe

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Asn Leu Ser Ser Leu Leu Ile
1 5

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Thr Cys Leu Pro Phe
1 5

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Gln Pro Thr Phe Thr Leu Arg Lys Asn Leu Ser Ser Leu Leu Ile
1 5 10 15

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<213> Homo sapiens

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Gln Pro Thr Phe Thr Leu Arg Lys Lys Asn Leu Ser Ser Leu Leu Ile
1 5 10 15

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Gln Pro Thr Phe Thr Leu Arg Lys Lys Thr Cys Leu Pro Phe
1 5 10

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<400> 133

Gln Pro Thr Phe Thr Leu Arg Lys Thr Cys Leu Pro Phe
1 5 10

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<213> Homo sapiens

<400> 134

Arg Ala Thr Phe Leu Leu Ser Leu Trp Glu Cys Ser Leu Pro Gln Ala
1 5 10 15

Arg Leu Cys Leu Ile Val Ser Arg Thr Gly Leu Leu Val Gln Ser
20 25 30

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<213> Homo sapiens

<400> 135

Gly Gln His Phe Tyr Trp His Cys Gly Ser Ala Ala Cys His Arg Arg
1 5 10 15

Gly Cys Val

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<213> Homo sapiens

<400> 136

Lys Glu Asn Val Arg Asp Lys Lys Arg Ala Thr Phe Leu Leu Ser Leu
1 5 10 15

Trp Glu Cys Ser Leu Pro Gln Ala Arg Leu Cys Leu Ile Val Ser Arg
20 25 30

Thr Gly Leu Leu Val Gln Ser
35

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<212> PRT

<213> Homo sapiens

<400> 137

Lys Glu Asn Val Arg Asp Lys Lys Lys Arg Ala Thr Phe Leu Leu Ser
1 5 10 15
Leu Trp Glu Cys Ser Leu Pro Gln Ala Arg Leu Cys Leu Ile Val Ser
20 25 30
Arg Thr Gly Leu Leu Val Gln Ser
35 40

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<211> 28

<212> PRT

<213> Homo sapiens

<400> 138

Lys Glu Asn Val Arg Asp Lys Lys Lys Gly Gln His Phe Tyr Trp His
1 5 10 15
Cys Gly Ser Ala Ala Cys His Arg Arg Gly Cys Val
20 25

<210> 139

<211> 27

<212> PRT

<213> Homo sapiens

<400> 139

Lys Glu Asn Val Arg Asp Lys Lys Gly Gln His Phe Tyr Trp His Cys
1 5 10 15
Gly Ser Ala Ala Cys His Arg Arg Gly Cys Val
20 25

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<212> PRT

<213> Homo sapiens

<400> 140

Ile Thr His Thr Arg Trp Gly Ile Thr Thr Trp Asp Ser Trp Ser Val
1 5 10 15
Arg Met Lys Ala Asn Trp Ile Gln Ala Gln Gln Asn Lys Ser Leu Ile
20 25 30
Leu Ser Pro Ser Phe Thr Lys
35

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<213> Homo sapiens

<400> 141

Lys Ile Thr His Thr Arg Trp Gly Ile Thr Thr Trp Asp Ser Trp Ser
1 5 10 15
Val Arg Met Lys Ala Asn Trp Ile Gln Ala Gln Gln Asn Lys Ser Leu
20 25 30
Ile Leu Ser Pro Ser Phe Thr Lys
35 40

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<213> Homo sapiens

<400> 142

Lys Leu Leu Thr Pro Gly Gly Glu Leu Pro His Gly Ile Leu Gly Gln
1 5 10 15

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<213> Homo sapiens

<400> 143

Leu Leu Thr Pro Gly Gly Glu Leu Pro His Gly Ile Leu Gly Gln
1 5 10 15

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<211> 47

<212> PRT

<213> Homo sapiens

<400> 144

Pro Pro Val Cys Glu Leu Glu Lys Ile Thr His Thr Arg Trp Gly Ile
1 5 10 15
Thr Thr Trp Asp Ser Trp Ser Val Arg Met Lys Ala Asn Trp Ile Gln
20 25 30
Ala Gln Gln Asn Lys Ser Leu Ile Leu Ser Pro Ser Phe Thr Lys
35 40 45

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<211> 48

<212> PRT

<213> Homo sapiens

<400> 145

Pro Pro Val Cys Glu Leu Glu Lys Lys Ile Thr His Thr Arg Trp Gly
1 5 10 15
Ile Thr Thr Trp Asp Ser Trp Ser Val Arg Met Lys Ala Asn Trp Ile
20 25 30
Gln Ala Gln Gln Asn Lys Ser Leu Ile Leu Ser Pro Ser Phe Thr Lys
35 40 45

<210> 146

<211> 24

<212> PRT

<213> Homo sapiens

<400> 146

Pro Pro Val Cys Glu Leu Glu Lys Lys Leu Leu Thr Pro Gly Gly Glu
1 5 10 15
Leu Pro His Gly Ile Leu Gly Gln
20

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<211> 23

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<213> Homo sapiens

<400> 147

Pro Pro Val Cys Glu Leu Glu Lys Leu Leu Thr Pro Gly Gly Glu Leu
1 5 10 15
Pro His Gly Ile Leu Gly Gln
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<213> Homo sapiens

<400> 148

Ser Leu Lys Asp Glu Leu Glu Lys Met Lys Ile
1 5 10

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<400> 149

Ser Leu Lys Asp Glu Leu Glu Lys Lys Met Lys Ile
1 5 10

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<213> Homo sapiens

<400> 150

Leu Gly Gln Ser Ser Pro Glu Lys Lys Asn Lys Asn
1 5 10

<210> 151

<211> 11

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<213> Homo sapiens

<400> 151

Leu Gly Gln Ser Ser Pro Glu Lys Asn Lys Asn
1 5 10

<210> 152

<211> 23

<212> PRT

<213> Homo sapiens

<400> 152

Arg Leu Arg Arg Ile Asn Gly Arg Gly Ser Gln Ile Arg Ser Arg Asn
1 5 10 15

Ala Phe Asn Arg Ser Glu Glu
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<213> Homo sapiens

<400> 153

Glu Pro Lys Val Lys Glu Glu Lys Lys Thr
1 5 10

<210> 154

<211> 11

<212> PRT

<213> Homo sapiens

<400> 154

Glu Pro Lys Val Lys Glu Glu Lys Lys Lys Thr
1 5 10

<210> 155

<211> 32

<212> PRT

<213> Homo sapiens

<400> 155

Glu Pro Lys Val Lys Glu Glu Lys Lys Arg Leu Arg Arg Ile Asn Gly
1 5 10 15
Arg Gly Ser Gln Ile Arg Ser Arg Asn Ala Phe Asn Arg Ser Glu Glu
20 25 30

<210> 156

<211> 31

<212> PRT

<213> Homo sapiens

<400> 156

Glu Pro Lys Val Lys Glu Glu Lys Arg Leu Arg Arg Ile Asn Gly Arg
1 5 10 15
Gly Ser Gln Ile Arg Ser Arg Asn Ala Phe Asn Arg Ser Glu Glu
20 25 30

<210> 157

<211> 14

<212> PRT

<213> Homo sapiens

<400> 157

Thr Phe Arg Tyr Lys Gly Lys Gln His Pro Phe Phe Ser Thr
1 5 10

<210> 158

<211> 10

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<213> Homo sapiens

<400> 158

Gly Pro Asn Ala Pro Glu Glu Lys Asn His
1 5 10

<210> 159

<211> 11

<212> PRT

<213> Homo sapiens

<400> 159

Gly Pro Asn Ala Pro Glu Glu Lys Lys Asn His
1 5 10

<210> 160

<211> 23

<212> PRT

<213> Homo sapiens

<400> 160

Gly Pro Asn Ala Pro Glu Glu Lys Lys Thr Phe Arg Tyr Lys Gly Lys
1 5 10 15

Gln His Pro Phe Phe Ser Thr
20

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<211> 22

<212> PRT

<213> Homo sapiens

<400> 161

Gly Pro Asn Ala Pro Glu Glu Lys Thr Phe Arg Tyr Lys Gly Lys Gln
1 5 10 15

His Pro Phe Phe Ser Thr
20

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<213> Homo sapiens

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Met Gln Asn Thr Cys Val
1 5

<210> 163

<211> 7

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<213> Homo sapiens

<400> 163

Lys Met Gln Asn Thr Cys Val
1 5

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<211> 9

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<400> 164

Lys Cys Lys Ile Arg Val Phe Ser Lys
1 5

<210> 165

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<400> 165

Cys Lys Ile Arg Val Phe Ser Lys
1 5

<210> 166

<211> 14

<212> PRT

<213> Homo sapiens

<400> 166

Phe Phe Lys Arg Thr Val Gln Lys Met Gln Asn Thr Cys Val
1 5 10

<210> 167

<211> 15

<212> PRT

<213> Homo sapiens

<400> 167

Phe Phe Lys Arg Thr Val Gln Lys Lys Met Gln Asn Thr Cys Val
1 5 10 15

<210> 168

<211> 17

<212> PRT

<213> Homo sapiens

<400> 168

Phe Phe Lys Arg Thr Val Gln Lys Lys Cys Lys Ile Arg Val Phe Ser
1 5 10 15

Lys

<210> 169

<211> 16

<212> PRT

<213> Homo sapiens

<400> 169

Phe Phe Lys Arg Thr Val Gln Lys Cys Lys Ile Arg Val Phe Ser Lys
1 5 10 15

<210> 170

<211> 7

<212> PRT

<213> Homo sapiens

<400> 170

Leu Pro His Tyr Leu Ala His
1 5

<210> 171

<211> 8

<212> PRT

<213> Homo sapiens

<400> 171

Cys Leu Ile Thr Trp Leu Thr Asn
1 5

<210> 172

<211> 17

<212> PRT

<213> Homo sapiens

<400> 172

Gly Ser Thr Thr Gly Leu Ser Ala Thr Pro Leu Pro His Tyr Leu Ala
1 5 10 15

His

<210> 173

<211> 18

<212> PRT

<213> Homo sapiens

<400> 173

Gly Ser Thr Thr Gly Leu Ser Ala Thr Pro Pro Leu Pro His Tyr Leu
1 5 10 15

Ala His

<210> 174

<211> 19

<212> PRT

<213> Homo sapiens

<400> 174

Gly Ser Thr Thr Gly Leu Ser Ala Thr Pro Pro Cys Leu Ile Thr Trp
1 5 10 15

Leu Thr Asn

<210> 175

<211> 18

<212> PRT

<213> Homo sapiens

<400> 175

Gly Ser Thr Thr Gly Leu Ser Ala Thr Pro Cys Leu Ile Thr Trp Leu
1 5 10 15

Thr Asn

<210> 176

<211> 9

<212> PRT

<213> Homo sapiens

<400> 176

Arg Phe Ala Asp Lys Pro Arg Pro Asn
1 5

<210> 177

<211> 20

<212> PRT

<213> Homo sapiens

<400> 177

Asp Leu Pro Thr Ser Pro Asp Gln Thr Arg Ser Gly Pro Val His Val
1 5 10 15

Ser Val Glu Pro
20

<210> 178

<211> 19

<212> PRT

<213> Homo sapiens

<400> 178

Asp Ser Ala Ala Gly Cys Ser Gly Thr Pro Arg Phe Ala Asp Lys Pro
1 5 10 15

Arg Pro Asn

<210> 179

<211> 20

<212> PRT

<213> Homo sapiens

<400> 179

Asp Ser Ala Ala Gly Cys Ser Gly Thr Pro Pro Arg Phe Ala Asp Lys
1 5 10 15

Pro Arg Pro Asn
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<211> 31

<212> PRT

<213> Homo sapiens

<400> 180

Asp Ser Ala Ala Gly Cys Ser Gly Thr Pro Pro Asp Leu Pro Thr Ser
1 5 10 15

Pro Asp Gln Thr Arg Ser Gly Pro Val His Val Ser Val Glu Pro
20 25 30

<210> 181

<211> 30

<212> PRT

<213> Homo sapiens

<400> 181

Asp Ser Ala Ala Gly Cys Ser Gly Thr Pro Asp Leu Pro Thr Ser Pro
1 5 10 15

Asp Gln Thr Arg Ser Gly Pro Val His Val Ser Val Glu Pro
20 25 30

<210> 182

<211> 53

<212> PRT

<213> Homo sapiens

<400> 182

Ala His Pro Glu Thr Pro Ala Gln Asn Arg Leu Arg Ile Pro Cys Ser
1 5 10 15
Arg Arg Glu Val Arg Ser Arg Ala Cys Lys Pro Pro Gly Ala Gln Gly
20 25 30
Ser Asp Glu Arg Arg Gly Lys Ala Ser Pro Gly Arg Asp Cys Asp Val
35 40 45
Arg Thr Gly Arg Pro
50

<210> 183

<211> 54

<212> PRT

<213> Homo sapiens

<400> 183

Pro Ala His Pro Glu Thr Pro Ala Gln Asn Arg Leu Arg Ile Pro Cys
1 5 10 15
Ser Arg Arg Glu Val Arg Ser Arg Ala Cys Lys Pro Pro Gly Ala Gln
20 25 30
Gly Ser Asp Glu Arg Arg Gly Lys Ala Ser Pro Gly Arg Asp Cys Asp
35 40 45
Val Arg Thr Gly Arg Pro
50

<210> 184

<211> 20

<212> PRT

<213> Homo sapiens

<400> 184

Arg Pro Thr Arg Arg His Pro Arg Arg Ile Ala Ser Gly Ser Pro Ala
1 5 10 15
Val Gly Gly Arg
20

<210> 185

<211> 63

<212> PRT

<213> Homo sapiens

<400> 185

Val Ala Ile Arg Gly His Pro Arg Pro Pro Ala His Pro Glu Thr Pro
1 5 10 15
Ala Gln Asn Arg Leu Arg Ile Pro Cys Ser Arg Arg Glu Val Arg Ser
20 25 30
Arg Ala Cys Lys Pro Pro Gly Ala Gln Gly Ser Asp Glu Arg Arg Gly
35 40 45
Lys Ala Ser Pro Gly Arg Asp Cys Asp Val Arg Thr Gly Arg Pro
50 55 60

<210> 186

<211> 64

<212> PRT

<213> Homo sapiens

<400> 186

Val Ala Ile Arg Gly His Pro Arg Pro Pro Pro Ala His Pro Glu Thr
1 5 10 15
Pro Ala Gln Asn Arg Leu Arg Ile Pro Cys Ser Arg Arg Glu Val Arg
20 25 30
Ser Arg Ala Cys Lys Pro Pro Gly Ala Gln Gly Ser Asp Glu Arg Arg
35 40 45
Gly Lys Ala Ser Pro Gly Arg Asp Cys Asp Val Arg Thr Gly Arg Pro
50 55 60

<210> 187

<211> 30

<212> PRT

<213> Homo sapiens

<400> 187

Val Ala Ile Arg Gly His Pro Arg Pro Pro Arg Pro Thr Arg Arg His
1 5 10 15
Pro Arg Arg Ile Ala Ser Gly Ser Pro Ala Val Gly Gly Arg
20 25 30

<210> 188

<211> 29

<212> PRT

<213> Homo sapiens

<400> 188

Val Ala Ile Arg Gly His Pro Arg Pro Arg Pro Thr Arg Arg His Pro
1 5 10 15
Arg Arg Ile Ala Ser Gly Ser Pro Ala Val Gly Gly Arg
20 25

<210> 189

<211> 85

<212> PRT

<213> Homo sapiens

<400> 189

Arg Gly Arg Thr Ser Gly Arg Ser Leu Ser Cys Cys Arg Arg Pro Arg
1 5 10 15
Cys Arg Pro Ala Val Ala Ser Arg Ser Thr Ala Pro Ser Pro Arg Ala
20 25 30
Gly Ser Arg Arg Cys Cys Leu Arg Thr Ser Cys Gly Ala Ala Arg Pro
35 40 45
Arg Arg Thr Arg Ser Ala Cys Gly Asp Trp Val Ala Ser Pro Pro Thr
50 55 60
Arg Ser Ser Ser Arg Thr Ala Cys Gly Ala Ala Ser Pro Pro Ala Arg
65 70 75 80
Ser Trp Ser Ala Pro
85

<210> 190

<211> 8

<212> PRT

<213> Homo sapiens

<400> 190

Gly Gly Gly His Leu Glu Glu Val
1 5

<210> 191

<211> 94

<212> PRT

<213> Homo sapiens

<400> 191

Tyr Phe Gly Gly Pro Asp Ser Thr Pro Arg Gly Arg Thr Ser Gly Arg
1 5 10 15
Ser Leu Ser Cys Cys Arg Arg Pro Arg Cys Arg Pro Ala Val Ala Ser
20 25 30
Arg Ser Thr Ala Pro Ser Pro Arg Ala Gly Ser Arg Arg Cys Cys Leu
35 40 45
Arg Thr Ser Cys Gly Ala Ala Arg Pro Arg Arg Thr Arg Ser Ala Cys
50 55 60
Gly Asp Trp Val Ala Ser Pro Pro Thr Arg Ser Ser Ser Arg Thr Ala
65 70 75 80
Cys Gly Ala Ala Ser Pro Pro Ala Arg Ser Trp Ser Ala Pro
85 90

<210> 192

<211> 95

<212> PRT

<213> Homo sapiens

<400> 192

Tyr Phe Gly Gly Pro Asp Ser Thr Pro Pro Arg Gly Arg Thr Ser Gly
1 5 10 15
Arg Ser Leu Ser Cys Cys Arg Arg Pro Arg Cys Arg Pro Ala Val Ala
20 25 30
Ser Arg Ser Thr Ala Pro Ser Pro Arg Ala Gly Ser Arg Arg Cys Cys
35 40 45
Leu Arg Thr Ser Cys Gly Ala Ala Arg Pro Arg Arg Thr Arg Ser Ala
50 55 60
Cys Gly Asp Trp Val Ala Ser Pro Pro Thr Arg Ser Ser Ser Arg Thr
65 70 75 80
Ala Cys Gly Ala Ala Ser Pro Pro Ala Arg Ser Trp Ser Ala Pro
85 90 95

<210> 193

<211> 18

<212> PRT

<213> Homo sapiens

<400> 193

Tyr Phe Gly Gly Pro Asp Ser Thr Pro Pro Gly Gly Gly His Leu Glu
1 5 10 15

Glu Val

<210> 194

<211> 17

<212> PRT

<213> Homo sapiens

<400> 194

Tyr Phe Gly Gly Pro Asp Ser Thr Pro Gly Gly Gly His Leu Glu Glu
1 5 10 15

Val

<210> 195

<211> 6

<212> PRT

<213> Homo sapiens

<400> 195

His Arg Val Ala Asp Pro
1 5

<210> 196

<211> 13

<212> PRT

<213> Homo sapiens

<400> 196

Leu Ser Gln Ser Ser Glu Leu Asp Pro Pro Ser Ser Arg
1 5 10

<210> 197

<211> 14

<212> PRT

<213> Homo sapiens

<400> 197

Leu Ser Gln Ser Ser Glu Leu Asp Pro Pro Pro Ser Ser Arg
1 5 10

<210> 198

<211> 16

<212> PRT

<213> Homo sapiens

<400> 198

Leu Ser Gln Ser Ser Glu Leu Asp Pro Pro His Arg Val Ala Asp Pro
1 5 10 15

<210> 199

<211> 15

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<213> Homo sapiens

<400> 199

Leu Ser Gln Ser Ser Glu Leu Asp Pro His Arg Val Ala Asp Pro
1 5 10 15

<210> 200

<211> 11

<212> PRT

<213> Homo sapiens

<400> 200

Val Ile Leu Leu Pro Glu Asp Thr Pro Pro Ser
1 5 10

<210> 201

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<400> 201

Val Ile Leu Leu Pro Glu Asp Thr Pro Pro Pro Ser
1 5 10

<210> 202

<211> 14

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<213> Homo sapiens

<400> 202

Val Ile Leu Leu Pro Glu Asp Thr Pro Pro Leu Leu Arg Ala
1 5 10

<210> 203

<211> 13

<212> PRT

<213> Homo sapiens

<400> 203

Val Ile Leu Leu Pro Glu Leu Asp Pro Leu Leu Arg Ala
1 5 10

<210> 204

<211> 5

<212> PRT

<213> Homo sapiens

<400> 204

Pro Ser Pro Leu Pro
1 5

<210> 205

<211> 25

<212> PRT

<213> Homo sapiens

<400> 205

Pro Leu Leu Phe His Arg Pro Cys Ser Pro Ser Pro Ala Leu Gly Ala
1 5 10 15

Thr Val Leu Ala Val Tyr Arg Tyr Glu

20

25

<210> 206

<211> 24

<212> PRT

<213> Homo sapiens

<400> 206

Leu Leu Phe His Arg Pro Cys Ser Pro Ser Pro Ala Leu Gly Ala Thr
1 5 10 15

Val Leu Ala Val Tyr Arg Tyr Glu
20

<210> 207

<211> 13

<212> PRT

<213> Homo sapiens

<400> 207

Ala Pro Arg Pro Pro Leu Gly Pro Pro Ser Pro Leu Pro
1 5 10

<210> 208

<211> 14

<212> PRT

<213> Homo sapiens

<400> 208

Ala Pro Arg Pro Pro Leu Gly Pro Pro Pro Ser Pro Leu Pro
1 5 10

<210> 209

<211> 34

<212> PRT

<213> Homo sapiens

<400> 209

Ala Pro Arg Pro Pro Leu Gly Pro Pro Pro Leu Leu Phe His Arg Pro
1 5 10 15

Cys Ser Pro Ser₂₀ Pro Ala Leu Gly₂₅ Ala Thr Val Leu Ala Val₃₀ Tyr Arg

Tyr Glu

<210> 210

<211> 33

<212> PRT

<213> Homo sapiens

<400> 210

Ala Pro Arg Pro₅ Pro Leu Gly Pro Pro₁₀ Leu Leu Phe His Arg Pro₁₅ Cys

Ser Pro Ser₂₀ Pro Ala Leu Gly Ala₂₅ Thr Val Leu Ala Val₃₀ Tyr Arg Tyr

Glu

<210> 211

<211> 28

<212> PRT

<213> Homo sapiens

<400> 211

Thr Gln Val Leu₅ Pro Gln Gly Cys Ser₁₀ Leu Ser Leu Leu His₁₅ Thr Thr

Phe Pro His₂₀ Arg Gln Val Pro His₂₅ Ile Leu Asp Trp

<210> 212

<211> 29

<212> PRT

<213> Homo sapiens

<400> 212

Pro Thr Gln Val₅ Leu Pro Gln Gly Cys₁₀ Ser Leu Ser Leu Leu His₁₅ Thr

Thr Phe Pro His₂₀ Arg Gln Val Pro His₂₅ Ile Leu Asp Trp

<210> 213

<211> 54

<212> PRT

<213> Homo sapiens

<400> 213

Pro Leu Gln Ser Phe Pro Lys Asp Ala Ala Ser Ala Phe Ser Thr Pro
1 5 10 15
Arg Phe Pro Thr Asp Lys Phe Pro Thr Ser Trp Thr Gly Ser Cys Pro
20 25 30
Gly Gln Pro His Gly Thr Arg Ala Phe Cys Gln Pro Gly Pro Glu Phe
35 40 45
Asn Ala Phe Ser Ala Cys
50

<210> 214

<211> 53

<212> PRT

<213> Homo sapiens

<400> 214

Leu Gln Ser Phe Pro Lys Asp Ala Ala Ser Ala Phe Ser Thr Pro Arg
1 5 10 15
Phe Pro Thr Asp Lys Phe Pro Thr Ser Trp Thr Gly Ser Cys Pro Gly
20 25 30
Gln Pro His Gly Thr Arg Ala Phe Cys Gln Pro Gly Pro Glu Phe Asn
35 40 45
Ala Phe Ser Ala Cys
50

<210> 215

<211> 38

<212> PRT

<213> Homo sapiens

<400> 215

Pro Ser Pro Arg Pro Gln Ser Gln Pro Pro Thr Gln Val Leu Pro Gln
1 5 10 15
Gly Cys Ser Leu Ser Leu Leu His Thr Thr Phe Pro His Arg Gln Val
Page 60

20

25

30

Pro His Ile Leu Asp Trp
35

<210> 216

<211> 39

<212> PRT

<213> Homo sapiens

<400> 216

Pro Ser Pro Arg Pro Gln Ser Gln Pro Pro Pro Thr Gln Val Leu Pro
1 5 10 15

Gln Gly Cys Ser Leu Ser Leu Leu His Thr Thr Phe Pro His Arg Gln
20 25 30

Val Pro His Ile Leu Asp Trp
35

<210> 217

<211> 64

<212> PRT

<213> Homo sapiens

<400> 217

Pro Ser Pro Arg Pro Gln Ser Gln Pro Pro Pro Leu Gln Ser Phe Pro
1 5 10 15

Lys Asp Ala Ala Ser Ala Phe Ser Thr Pro Arg Phe Pro Thr Asp Lys
20 25 30

Phe Pro Thr Ser Trp Thr Gly Ser Cys Pro Gly Gln Pro His Gly Thr
35 40 45

Arg Ala Phe Cys Gln Pro Gly Pro Glu Phe Asn Ala Phe Ser Ala Cys
50 55 60

<210> 218

<211> 63

<212> PRT

<213> Homo sapiens

<400> 218

Pro Ser Pro Arg Pro Gln Ser Gln Pro Pro Leu Gln Ser Phe Pro Lys
1 5 10 15

Asp Ala Ala Ser Ala Phe Ser Thr Pro Arg Phe Pro Thr Asp Lys Phe
20 25 30
Pro Thr Ser Trp Thr Gly Ser Cys Pro Gly Gln Pro His Gly Thr Arg
35 40 45
Ala Phe Cys Gln Pro Gly Pro Glu Phe Asn Ala Phe Ser Ala Cys
50 55 60

<210> 219

<211> 30

<212> PRT

<213> Homo sapiens

<400> 219

Thr Ala Trp Pro Gly Arg Arg Arg Phe Thr Thr Pro Glu Pro Tyr Cys
1 5 10 15
Leu Cys Thr Pro Leu Gly Pro Trp Ala Pro Arg Phe Leu Trp
20 25 30

<210> 220

<211> 31

<212> PRT

<213> Homo sapiens

<400> 220

Pro Thr Ala Trp Pro Gly Arg Arg Arg Phe Thr Thr Pro Glu Pro Tyr
1 5 10 15
Cys Leu Cys Thr Pro Leu Gly Pro Trp Ala Pro Arg Phe Leu Trp
20 25 30

<210> 221

<211> 50

<212> PRT

<213> Homo sapiens

<400> 221

Pro Arg Pro Gly Pro Ala Gly Gly Ala Leu Leu Pro Arg Ser Leu Thr
1 5 10 15
Ala Phe Val Pro His Ser Gly His Gly Leu Pro Val Ser Ser Gly Glu
20 25 30

Pro Ala Tyr Thr Pro Ile Pro His Asp Val Pro His Gly Thr Pro Pro
35 40 45

Phe Cys
50

<210> 222

<211> 49

<212> PRT

<213> Homo sapiens

<400> 222

Arg Pro Gly Pro Ala Gly Gly Ala Leu Leu Pro Arg Ser Leu Thr Ala
1 5 10 15

Phe Val Pro His Ser Gly His Gly Leu Pro Val Ser Ser Gly Glu Pro
20 25 30

Ala Tyr Thr Pro Ile Pro His Asp Val Pro His Gly Thr Pro Pro Phe
35 40 45

Cys

<210> 223

<211> 39

<212> PRT

<213> Homo sapiens

<400> 223

Asp Leu Pro Ala Val Pro Gly Pro Pro Thr Ala Trp Pro Gly Arg Arg
1 5 10 15

Arg Phe Thr Thr Pro Glu Pro Tyr Cys Leu Cys Thr Pro Leu Gly Pro
20 25 30

Trp Ala Pro Arg Phe Leu Trp
35

<210> 224

<211> 40

<212> PRT

<213> Homo sapiens

<400> 224

Asp Leu Pro Ala Val Pro Gly Pro Pro Pro Thr Ala Trp Pro Gly Arg
Page 63

<400> 227

Gln Trp Gly Leu Ser Trp Met Ser
1 5

<210> 228

<211> 14

<212> PRT

<213> Homo sapiens

<400> 228

Asn Gly Asp Cys His Gly Cys Pro Glu Gly Arg Gln Ser Leu
1 5 10

<210> 229

<211> 17

<212> PRT

<213> Homo sapiens

<400> 229

Phe Thr Met Asp Arg Val Leu Thr Pro Gln Trp Gly Leu Ser Trp Met
1 5 10 15

Ser

<210> 230

<211> 18

<212> PRT

<213> Homo sapiens

<400> 230

Phe Thr Met Asp Arg Val Leu Thr Pro Pro Gln Trp Gly Leu Ser Trp
1 5 10 15

Met Ser

<210> 231

<211> 24

<212> PRT

<213> Homo sapiens

<400> 231

Phe Thr Met Asp Arg Val Leu Thr Pro Pro Asn Gly Asp Cys His Gly
1 5 10 15
Cys Pro Glu Gly Arg Gln Ser Leu
20

<210> 232

<211> 23

<212> PRT

<213> Homo sapiens

<400> 232

Phe Thr Met Asp Arg Val Leu Thr Pro Asn Gly Asp Cys His Gly Cys
1 5 10 15
Pro Glu Gly Arg Gln Ser Leu
20

<210> 233

<211> 115

<212> PRT

<213> Homo sapiens

<400> 233

His His Pro Ala Arg Gln Cys Pro His Cys Ile Met His Leu Gln Thr
1 5 10 15
Gln Leu Ile His Arg Asn Leu Thr Gly Pro Ser Gln Leu Thr Ser Leu
20 25 30
His Arg Ser Pro Tyr Gln Ile Ala Ala Thr Pro Trp Thr Thr Asp Phe
35 40 45
Ala Ala Ser Phe Phe Leu Asn Pro Val Thr Pro Phe Leu Leu Cys Arg
50 55 60
Arg Cys Gln Gly Lys Asp Val Leu Cys Thr Asn Ala Arg Cys Leu Ser
65 70 75 80
Gln Thr Ser Pro Ser His His Lys Ala Leu Ser Arg Thr Thr Thr Gln
85 90 95
Cys Met Asn Thr Thr Pro Trp Leu Ala Val Arg Pro Ala Lys Ala Phe
100 105 110
Pro Leu Leu

115

<210> 234

<211> 116

<212> PRT

<213> Homo sapiens

<400> 234

Pro His His Pro Ala Arg Gln Cys Pro His Cys Ile Met His Leu Gln
1 5 10 15
Thr Gln Leu Ile His Arg Asn Leu Thr Gly Pro Ser Gln Leu Thr Ser
20 25 30
Leu His Arg Ser Pro Tyr Gln Ile Ala Ala Thr Pro Trp Thr Thr Asp
35 40 45
Phe Ala Ala Ser Phe Phe Leu Asn Pro Val Thr Pro Phe Leu Leu Cys
50 55 60
Arg Arg Cys Gln Gly Lys Asp Val Leu Cys Thr Asn Ala Arg Cys Leu
65 70 75 80
Ser Gln Thr Ser Pro Ser His His Lys Ala Leu Ser Arg Thr Thr Thr
85 90 95
Gln Cys Met Asn Thr Thr Pro Trp Leu Ala Val Arg Pro Ala Lys Ala
100 105 110
Phe Pro Leu Leu
115

<210> 235

<211> 23

<212> PRT

<213> Homo sapiens

<400> 235

His Thr Ile Gln His Ala Ser Val Pro Thr Ala Ser Cys Ile Ser Lys
1 5 10 15
Leu Asn Ser Tyr Thr Glu Asn
20

<210> 236

<211> 126

<212> PRT

<213> Homo sapiens

<400> 236

Pro Gln Val Gly Met Arg Pro Ser Asn Pro Pro His His Pro Ala Arg
1 5 10 15
Gln Cys Pro His Cys Ile Met His Leu Gln Thr Gln Leu Ile His Arg
20 25 30
Asn Leu Thr Gly Pro Ser Gln Leu Thr Ser Leu His Arg Ser Pro Tyr
35 40 45
Gln Ile Ala Ala Thr Pro Trp Thr Thr Asp Phe Ala Ala Ser Phe Phe
50 55 60
Leu Asn Pro Val Thr Pro Phe Leu Leu Cys Arg Arg Cys Gln Gly Lys
65 70 75 80
Asp Val Leu Cys Thr Asn Ala Arg Cys Leu Ser Gln Thr Ser Pro Ser
85 90 95
His His Lys Ala Leu Ser Arg Thr Thr Thr Gln Cys Met Asn Thr Thr
100 105 110
Pro Trp Leu Ala Val Arg Pro Ala Lys Ala Phe Pro Leu Leu
115 120 125

<210> 237

<211> 127

<212> PRT

<213> Homo sapiens

<400> 237

Pro Gln Val Gly Met Arg Pro Ser Asn Pro Pro Pro His His Pro Ala
1 5 10 15
Arg Gln Cys Pro His Cys Ile Met His Leu Gln Thr Gln Leu Ile His
20 25 30
Arg Asn Leu Thr Gly Pro Ser Gln Leu Thr Ser Leu His Arg Ser Pro
35 40 45
Tyr Gln Ile Ala Ala Thr Pro Trp Thr Thr Asp Phe Ala Ala Ser Phe
50 55 60
Phe Leu Asn Pro Val Thr Pro Phe Leu Leu Cys Arg Arg Cys Gln Gly
65 70 75 80
Lys Asp Val Leu Cys Thr Asn Ala Arg Cys Leu Ser Gln Thr Ser Pro
85 90 95
Ser His His Lys Ala Leu Ser Arg Thr Thr Thr Gln Cys Met Asn Thr
100 105 110
Thr Pro Trp Leu Ala Val Arg Pro Ala Lys Ala Phe Pro Leu Leu
115 120 125

<210> 238

<211> 34

<212> PRT

<213> Homo sapiens

<400> 238

Pro Gln Val Gly Met Arg Pro Ser Asn Pro Pro His Thr Ile Gln His
1 5 10 15

Ala Ser Val Pro Thr Ala Ser Cys Ile Ser Lys Leu Asn Ser Tyr Thr
20 25 30

Glu Asn

<210> 239

<211> 33

<212> PRT

<213> Homo sapiens

<400> 239

Pro Gln Val Gly Met Arg Pro Ser Asn Pro His Thr Ile Gln His Ala
1 5 10 15

Ser Val Pro Thr Ala Ser Cys Ile Ser Lys Leu Asn Ser Tyr Thr Glu
20 25 30

Asn

<210> 240

<211> 51

<212> PRT

<213> Homo sapiens

<400> 240

Trp Ala Ala Arg Ser Trp Cys Glu Arg Arg Ala Ala Ala Val Ala Pro
1 5 10 15

Leu Ala Pro Trp Ala Trp Gly Cys Pro Ala Gly Cys Thr Pro Pro Val
20 25 30

Ala Ala Arg Ala Cys Ala Ala Thr Arg Pro Glu Gly Trp Arg Ser Pro
35 40 45

Cys Thr His

50

<210> 241

<211> 52

<212> PRT

<213> Homo sapiens

<400> 241

Pro Trp Ala Ala Arg Ser Trp Cys Glu Arg Arg Ala Ala Ala Val Ala
1 5 10 15
Pro Leu Ala Pro Trp Ala Trp Gly Cys Pro Ala Gly Cys Thr Pro Pro
20 25 30
Val Ala Ala Arg Ala Cys Ala Ala Thr Arg Pro Glu Gly Trp Arg Ser
35 40 45
Pro Cys Thr His
50

<210> 242

<211> 74

<212> PRT

<213> Homo sapiens

<400> 242

Arg Gly Leu Arg Gly Ala Gly Ala Arg Gly Gly Leu Arg Leu Leu Arg
1 5 10 15
His Leu Arg Pro Gly Leu Gly Asp Ala Leu Arg Gly Val His Pro Pro
20 25 30
Leu Arg Leu Gly Pro Ala Leu Leu Pro Ala Pro Arg Gly Gly Glu Ala
35 40 45
Pro Ala His Thr Asp Ala Arg Ala Arg Arg Val His Gly Ala Gly Gly
50 55 60
Asp Arg Gly His Pro Gly Pro Ala Ala Leu
65 70

<210> 243

<211> 61

<212> PRT

<213> Homo sapiens

<400> 243

Glu Glu Lys Leu Ala Arg Cys Arg Pro Pro Trp Ala Ala Arg Ser Trp
 1 5 10 15
 Cys Glu Arg Arg Ala Ala Ala Val Ala Pro Leu Ala Pro Trp Ala Trp
 20 25 30
 Gly Cys Pro Ala Gly Cys Thr Pro Pro Val Ala Ala Arg Ala Cys Ala
 35 40 45
 Ala Thr Arg Pro Glu Gly Trp Arg Ser Pro Cys Thr His
 50 55 60

<210> 244

<211> 62

<212> PRT

<213> Homo sapiens

<400> 244

Glu Glu Lys Leu Ala Arg Cys Arg Pro Pro Pro Trp Ala Ala Arg Ser
 1 5 10 15
 Trp Cys Glu Arg Arg Ala Ala Ala Val Ala Pro Leu Ala Pro Trp Ala
 20 25 30
 Trp Gly Cys Pro Ala Gly Cys Thr Pro Pro Val Ala Ala Arg Ala Cys
 35 40 45
 Ala Ala Thr Arg Pro Glu Gly Trp Arg Ser Pro Cys Thr His
 50 55 60

<210> 245

<211> 84

<212> PRT

<213> Homo sapiens

<400> 245

Glu Glu Lys Leu Ala Arg Cys Arg Pro Pro Arg Gly Leu Arg Gly Ala
 1 5 10 15
 Gly Ala Arg Gly Gly Leu Arg Leu Leu Arg His Leu Arg Pro Gly Leu
 20 25 30
 Gly Asp Ala Leu Arg Gly Val His Pro Pro Leu Arg Leu Gly Pro Ala
 35 40 45
 Leu Leu Pro Ala Pro Arg Gly Gly Glu Ala Pro Ala His Thr Asp Ala
 50 55 60
 Arg Ala Arg Arg Val His Gly Ala Gly Gly Asp Arg Gly His Pro Gly
 65 70 75 80

Pro Ala Ala Leu

<210> 246

<211> 83

<212> PRT

<213> Homo sapiens

<400> 246

Glu Glu Lys Leu Ala Arg Cys Arg Pro Arg Gly Leu Arg Gly Ala Gly
1 5 10 15
Ala Arg Gly Gly Leu Arg Leu Leu Arg His Leu Arg Pro Gly Leu Gly
20 25 30
Asp Ala Leu Arg Gly Val His Pro Leu Arg Leu Gly Pro Ala Leu
35 40 45
Leu Pro Ala Pro Arg Gly Gly Glu Ala Pro Ala His Thr Asp Ala Arg
50 55 60
Ala Arg Arg Val His Gly Ala Gly Gly Asp Arg Gly His Pro Gly Pro
65 70 75 80
Ala Ala Leu

<210> 247

<211> 163

<212> PRT

<213> Homo sapiens

<400> 247

Gln Pro Pro Val Ser Pro Arg Pro Arg Arg Pro Gly Arg Pro Arg Ala
1 5 10 15
Pro Pro Pro Pro Gln Pro Met Val Ser Pro Arg Arg Arg Thr Thr Gly
20 25 30
Pro Pro Trp Arg Pro Pro Pro Leu Gln Ser Thr Met Ser Pro Pro Pro
35 40 45
Gln Ala Leu His Gln Ala Gln Leu Leu Leu Trp Cys Thr Thr Ala Pro
50 55 60
Leu Pro Gly Leu Pro Gln Pro Gln Pro Ala Arg Ala Leu His Ser Gln
65 70 75 80
Phe Pro Ala Thr Thr Leu Ile Leu Leu Pro Pro Leu Pro Ala Ile Ala
85 90 95
Pro Arg Leu Met Pro Val Ala Leu Thr Ile Ala Arg Tyr Leu Leu Ser
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100 105 110
 Pro Pro Pro Ile Thr Ala Leu Leu Pro Ser Cys Leu Leu Gly Ser Leu
 115 120 125
 Ser Phe Ser Cys Leu Phe Thr Phe Gln Thr Ser Ser Leu Ile Pro Leu
 130 135 140
 Trp Lys Ile Pro Ala Pro Thr Thr Thr Lys Ser Cys Arg Glu Thr Phe
 145 150 155 160
 Leu Lys Trp

<210> 248

<211> 85

<212> PRT

<213> Homo sapiens

<400> 248

Ser Pro Gly Cys His Leu Gly Pro Gly Asp Gln Ala Ala Pro Gly Leu
 1 5 10 15
 His Arg Pro Pro Ser Pro Trp Cys His Leu Gly Ala Gly Gln Gln Ala
 20 25 30
 Arg Leu Gly Val His Arg Pro Ser Ser Pro Gln Cys His Leu Gly Leu
 35 40 45
 Arg Leu Cys Ile Arg Leu Ser Phe Tyr Ser Gly Ala Gln Arg His Leu
 50 55 60
 Cys Gln Gly Tyr His Asn Pro Ser Gln Gln Glu His Ser Ile Leu Asn
 65 70 75 80
 Ser Gln Pro Pro Leu
 85

<210> 249

<211> 172

<212> PRT

<213> Homo sapiens

<400> 249

Lys Pro Ala Pro Gly Ser Thr Ala Pro Gln Pro Pro Val Ser Pro Arg
 1 5 10 15
 Pro Arg Arg Pro Gly Arg Pro Arg Ala Pro Pro Pro Pro Gln Pro Met
 20 25 30
 Val Ser Pro Arg Arg Arg Thr Thr Gly Pro Pro Trp Arg Pro Pro Pro
 35 40 45

Leu Gln Ser Thr Met Ser Pro Pro Pro Gln Ala Leu His Gln Ala Gln
 50 55 60
 Leu Leu Leu Trp Cys Thr Thr Ala Pro Leu Pro Gly Leu Pro Gln Pro
 65 70 75 80
 Gln Pro Ala Arg Ala Leu His Ser Gln Phe Pro Ala Thr Thr Leu Ile
 85 90 95
 Leu Leu Pro Pro Leu Pro Ala Ile Ala Pro Arg Leu Met Pro Val Ala
 100 105 110
 Leu Thr Ile Ala Arg Tyr Leu Leu Ser Pro Pro Pro Ile Thr Ala Leu
 115 120 125
 Leu Pro Ser Cys Leu Leu Gly Ser Leu Ser Phe Ser Cys Leu Phe Thr
 130 135 140
 Phe Gln Thr Ser Ser Leu Ile Pro Leu Trp Lys Ile Pro Ala Pro Thr
 145 150 155 160
 Thr Thr Lys Ser Cys Arg Glu Thr Phe Leu Lys Trp
 165 170

<210> 250

<211> 173

<212> PRT

<213> Homo sapiens

<400> 250

Lys Pro Ala Pro Gly Ser Thr Ala Pro Pro Gln Pro Pro Val Ser Pro
 1 5 10 15
 Arg Pro Arg Arg Pro Gly Arg Pro Arg Ala Pro Pro Pro Pro Gln Pro
 20 25 30
 Met Val Ser Pro Arg Arg Arg Thr Thr Gly Pro Pro Trp Arg Pro Pro
 35 40 45
 Pro Leu Gln Ser Thr Met Ser Pro Pro Pro Gln Ala Leu His Gln Ala
 50 55 60
 Gln Leu Leu Leu Trp Cys Thr Thr Ala Pro Leu Pro Gly Leu Pro Gln
 65 70 75 80
 Pro Gln Pro Ala Arg Ala Leu His Ser Gln Phe Pro Ala Thr Thr Leu
 85 90 95
 Ile Leu Leu Pro Pro Leu Pro Ala Ile Ala Pro Arg Leu Met Pro Val
 100 105 110
 Ala Leu Thr Ile Ala Arg Tyr Leu Leu Ser Pro Pro Pro Ile Thr Ala
 115 120 125
 Leu Leu Pro Ser Cys Leu Leu Gly Ser Leu Ser Phe Ser Cys Leu Phe
 130 135 140

Thr Phe Gln Thr Ser Ser Leu Ile Pro Leu Trp Lys Ile Pro Ala Pro
145 150 155 160

Thr Thr Thr Lys Ser Cys Arg Glu Thr Phe Leu Lys Trp
165 170

<210> 251

<211> 95

<212> PRT

<213> Homo sapiens

<400> 251

Lys Pro Ala Pro Gly Ser Thr Ala Pro Pro Ser Pro Gly Cys His Leu
1 5 10 15

Gly Pro Gly Asp Gln Ala Ala Pro Gly Leu His Arg Pro Pro Ser Pro
20 25 30

Trp Cys His Leu Gly Ala Gly Gln Gln Ala Arg Leu Gly Val His Arg
35 40 45

Pro Ser Ser Pro Gln Cys His Leu Gly Leu Arg Leu Cys Ile Arg Leu
50 55 60

Ser Phe Tyr Ser Gly Ala Gln Arg His Leu Cys Gln Gly Tyr His Asn
65 70 75 80

Pro Ser Gln Gln Glu His Ser Ile Leu Asn Ser Gln Pro Pro Leu
85 90 95

<210> 252

<211> 94

<212> PRT

<213> Homo sapiens

<400> 252

Lys Pro Ala Pro Gly Ser Thr Ala Pro Ser Pro Gly Cys His Leu Gly
1 5 10 15

Pro Gly Asp Gln Ala Ala Pro Gly Leu His Arg Pro Pro Ser Pro Trp
20 25 30

Cys His Leu Gly Ala Gly Gln Gln Ala Arg Leu Gly Val His Arg Pro
35 40 45

Ser Ser Pro Gln Cys His Leu Gly Leu Arg Leu Cys Ile Arg Leu Ser
50 55 60

Phe Tyr Ser Gly Ala Gln Arg His Leu Cys Gln Gly Tyr His Asn Pro
65 70 75 80

Ser Gln Gln Glu His Ser Ile Leu Asn Ser Gln Pro Pro Leu

85

90

<210> 253

<211> 143

<212> PRT

<213> Homo sapiens

<400> 253

Gln Pro Met Val Ser Pro Arg Arg Arg Thr Thr Gly Pro Pro Trp Arg
 1 5 10 15
 Pro Pro Pro Leu Gln Ser Thr Met Ser Pro Pro Pro Gln Ala Leu His
 20 25 30
 Gln Ala Gln Leu Leu Leu Trp Cys Thr Thr Ala Pro Leu Pro Gly Leu
 35 40 45
 Pro Gln Pro Gln Pro Ala Arg Ala Leu His Ser Gln Phe Pro Ala Thr
 50 55 60
 Thr Leu Ile Leu Leu Pro Pro Leu Pro Ala Ile Ala Pro Arg Leu Met
 65 70 75 80
 Pro Val Ala Leu Thr Ile Ala Arg Tyr Leu Leu Ser Pro Pro Pro Ile
 85 90 95
 Thr Ala Leu Leu Pro Ser Cys Leu Leu Gly Ser Leu Ser Phe Ser Cys
 100 105 110
 Leu Phe Thr Phe Gln Thr Ser Ser Leu Ile Pro Leu Trp Lys Ile Pro
 115 120 125
 Ala Pro Thr Thr Thr Lys Ser Cys Arg Glu Thr Phe Leu Lys Trp
 130 135 140

<210> 254

<211> 65

<212> PRT

<213> Homo sapiens

<400> 254

Ser Pro Trp Cys His Leu Gly Ala Gly Gln Gln Ala Arg Leu Gly Val
 1 5 10 15
 His Arg Pro Ser Ser Pro Gln Cys His Leu Gly Leu Arg Leu Cys Ile
 20 25 30
 Arg Leu Ser Phe Tyr Ser Gly Ala Gln Arg His Leu Cys Gln Gly Tyr
 35 40 45
 His Asn Pro Ser Gln Gln Glu His Ser Ile Leu Asn Ser Gln Pro Pro
 50 55 60

Leu
65

<210> 255

<211> 18

<212> PRT

<213> Homo sapiens

<400> 255

Arg Pro Pro Pro Gly Ser Thr Ala Pro Gln Pro Met Val Ser Pro Arg
1 5 10 15

Arg Arg

<210> 256

<211> 19

<212> PRT

<213> Homo sapiens

<400> 256

Arg Pro Pro Pro Gly Ser Thr Ala Pro Pro Gln Pro Met Val Ser Pro
1 5 10 15

Arg Arg Arg

<210> 257

<211> 18

<212> PRT

<213> Homo sapiens

<400> 257

Arg Pro Pro Pro Gly Ser Thr Ala Pro Pro Ser Pro Trp Cys His Leu
1 5 10 15

Gly Ala

<210> 258

<211> 17

<212> PRT

<213> Homo sapiens

<400> 258

Arg Pro Pro Pro Gly Ser Thr Ala Pro Ser Pro Trp Cys His Leu Gly
1 5 10 15

Ala

<210> 259

<211> 14

<212> PRT

<213> Homo sapiens

<400> 259

Arg Pro Arg Ala Pro Pro Pro Pro Ser Pro Trp Cys His Leu
1 5 10

<210> 260

<211> 13

<212> PRT

<213> Homo sapiens

<400> 260

Arg Pro Arg Ala Pro Pro Pro Pro Pro Ser Pro Trp Cys
1 5 10

<210> 261

<211> 16

<212> PRT

<213> Homo sapiens

<400> 261

Arg Pro Arg Ala Pro Pro Pro Pro Ala His Gly Val Thr Ser Ala Pro
1 5 10 15

<210> 262

<211> 13

<212> PRT

<213> Homo sapiens

<400> 262

Arg Pro Arg Ala Pro Pro Pro Pro Pro Ala His Gly Val
1 5 10

<210> 263

<211> 14

<212> PRT

<213> Homo sapiens

<400> 263

Ala Pro Gly Leu His Arg Pro Pro Gln Pro Met Val Ser Pro
1 5 10

<210> 264

<211> 15

<212> PRT

<213> Homo sapiens

<400> 264

Ala Ala Pro Gly Leu His Arg Pro Gln Pro Met Val Ser Pro Arg
1 5 10 15

<210> 265

<211> 13

<212> PRT

<213> Homo sapiens

<400> 265

Pro Gly Leu His Arg Pro Pro Pro Ala His Gly Val Thr
1 5 10

<210> 266

<211> 14

<212> PRT

<213> Homo sapiens

<400> 266

Ala Pro Gly Leu His Arg Pro Pro Ala His Gly Val Thr Ser
1 5 10

<210> 267

<211> 21

<212> PRT

<213> Homo sapiens

<400> 267

Val Asp Arg Pro Gln His Thr Glu Trp Leu Ser Trp Ser Asn Leu Tyr
1 5 10 15

Arg Ile Arg His Gln
20

<210> 268

<211> 10

<212> PRT

<213> Homo sapiens

<400> 268

His Tyr Leu Cys Thr Asp Val Ala Pro Arg
1 5 10

<210> 269

<211> 11

<212> PRT

<213> Homo sapiens

<400> 269

His Tyr Leu Cys Thr Asp Val Ala Pro Pro Arg
1 5 10

<210> 270

<211> 31

<212> PRT

<213> Homo sapiens

<400> 270

His Tyr Leu Cys Thr Asp Val Ala Pro Pro Val Asp Arg Pro Gln His
1 5 10 15

Thr Glu Trp Leu Ser Trp Ser Asn Leu Tyr Arg Ile Arg His Gln
20 25 30

<210> 271

<211> 30

<212> PRT

<213> Homo sapiens

<400> 271

His Tyr Leu Cys Thr Asp Val Ala Pro Val Asp Arg Pro Gln His Thr
1 5 10 15

Glu Trp Leu Ser Trp Ser Asn Leu Tyr Arg Ile Arg His Gln
20 25 30

<210> 272

<211> 108

<212> PRT

<213> Homo sapiens

<400> 272

Ser Ala Tyr Leu Ser Pro Leu Gly Thr Thr Trp Leu Arg Thr Cys Ala
1 5 10 15

Cys Arg Leu Pro Arg Pro Ala Ala Ser Cys Leu Cys Thr Thr Pro Ser
20 25 30

Leu Leu Trp Pro Arg Arg Thr Cys Pro Ala Gly Ser Pro Arg Ala Thr
35 40 45

Ser Ser Pro Trp Arg Met Pro Ala Pro Lys Ser Cys Cys Thr Thr Gly
50 55 60

Leu Ala Phe Thr Ser Pro Ile Gly Leu Gly Trp Arg Ser Ala Thr Ala
65 70 75 80

Ser Gly Tyr Ala Arg Ile Trp Pro Val Leu Ser Leu Thr Cys Gln Ser
85 90 95

Trp Ser Thr Ser Leu Pro Ser Thr Ala Val Thr Trp
100 105

<210> 273

<211> 109

<212> PRT

<213> Homo sapiens

<400> 273

Pro Ser Ala Tyr Leu Ser Pro Leu Gly Thr Thr Trp Leu Arg Thr Cys
1 5 10 15
Ala Cys Arg Leu Pro Arg Pro Ala Ala Ser Cys Leu Cys Thr Thr Pro
20 25 30
Ser Leu Leu Trp Pro Arg Arg Thr Cys Pro Ala Gly Ser Pro Arg Ala
35 40 45
Thr Ser Ser Pro Trp Arg Met Pro Ala Pro Lys Ser Cys Cys Thr Thr
50 55 60
Gly Leu Ala Phe Thr Ser Pro Ile Gly Leu Gly Trp Arg Ser Ala Thr
65 70 75 80
Ala Ser Gly Tyr Ala Arg Ile Trp Pro Val Leu Ser Leu Thr Cys Gln
85 90 95
Ser Trp Ser Thr Ser Leu Pro Ser Thr Ala Val Thr Trp
100 105

<210> 274

<211> 12

<212> PRT

<213> Homo sapiens

<400> 274

Pro Ala Pro Ile Phe Leu Leu Trp Gly Pro Leu Gly
1 5 10

<210> 275

<211> 11

<212> PRT

<213> Homo sapiens

<400> 275

Ala Pro Ile Phe Leu Leu Trp Gly Pro Leu Gly
1 5 10

<210> 276

<211> 117

<212> PRT

<213> Homo sapiens

<400> 276

Leu Pro Ala Arg Ala Pro Gly Pro Pro Ser Ala Tyr Leu Ser Pro Leu
1 5 10 15
Gly Thr Thr Trp Leu Arg Thr Cys Ala Cys Arg Leu Pro Arg Pro Ala
20 25 30
Ala Ser Cys Leu Cys Thr Thr Pro Ser Leu Leu Trp Pro Arg Arg Thr
35 40 45
Cys Pro Ala Gly Ser Pro Arg Ala Thr Ser Ser Pro Trp Arg Met Pro
50 55 60
Ala Pro Lys Ser Cys Cys Thr Thr Gly Leu Ala Phe Thr Ser Pro Ile
65 70 75 80
Gly Leu Gly Trp Arg Ser Ala Thr Ala Ser Gly Tyr Ala Arg Ile Trp
85 90 95
Pro Val Leu Ser Leu Thr Cys Gln Ser Trp Ser Thr Ser Leu Pro Ser
100 105 110
Thr Ala Val Thr Trp
115

<210> 277

<211> 118

<212> PRT

<213> Homo sapiens

<400> 277

Leu Pro Ala Arg Ala Pro Gly Pro Pro Pro Ser Ala Tyr Leu Ser Pro
1 5 10 15
Leu Gly Thr Thr Trp Leu Arg Thr Cys Ala Cys Arg Leu Pro Arg Pro
20 25 30
Ala Ala Ser Cys Leu Cys Thr Thr Pro Ser Leu Leu Trp Pro Arg Arg
35 40 45
Thr Cys Pro Ala Gly Ser Pro Arg Ala Thr Ser Ser Pro Trp Arg Met
50 55 60
Pro Ala Pro Lys Ser Cys Cys Thr Thr Gly Leu Ala Phe Thr Ser Pro
65 70 75 80
Ile Gly Leu Gly Trp Arg Ser Ala Thr Ala Ser Gly Tyr Ala Arg Ile
85 90 95
Trp Pro Val Leu Ser Leu Thr Cys Gln Ser Trp Ser Thr Ser Leu Pro
100 105 110
Ser Thr Ala Val Thr Trp
115

<210> 278

<211> 21

<212> PRT

<213> Homo sapiens

<400> 278

Leu Pro Ala Arg Ala Pro Gly Pro Pro Pro Ala Pro Ile Phe Leu Leu
1 5 10 15

Trp Gly Pro Leu Gly
20

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<213> Homo sapiens

<400> 279

Leu Pro Ala Arg Ala Pro Gly Pro Pro Ala Pro Ile Phe Leu Leu Trp
1 5 10 15

Gly Pro Leu Gly
20

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<211> 14

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<213> Homo sapiens

<400> 280

Asp Leu Glu His His Gly Gly Val Thr Arg His Arg His Arg
1 5 10

<210> 281

<211> 11

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<213> Homo sapiens

<400> 281

Leu Val Ser Asp Tyr Ser Met Thr Pro Arg Pro

1 5 10

<210> 282

<211> 12

<212> PRT

<213> Homo sapiens

<400> 282

Leu Val Ser Asp Tyr Ser Met Thr Pro Pro Arg Pro
1 5 10

<210> 283

<211> 24

<212> PRT

<213> Homo sapiens

<400> 283

Leu Val Ser Asp Tyr Ser Met Thr Pro Pro Asp Leu Glu His His Gly
1 5 10 15

Gly Val Thr Arg His Arg His Arg
20

<210> 284

<211> 23

<212> PRT

<213> Homo sapiens

<400> 284

Leu Val Ser Asp Tyr Ser Met Thr Pro Asp Leu Glu His His Gly Gly
1 5 10 15

Val Thr Arg His Arg His Arg
20

<210> 285

<211> 51

<212> PRT

<213> Homo sapiens

<400> 285

Phe His His Ile Ala Thr Asp Val Gly Pro Phe Val Arg Ile Gly Phe
 1 5 10 15
 Leu Lys Ile Lys Gly Lys Ile Lys Gly Lys Ser Leu Arg Lys Pro Asn
 20 25 30
 Trp Lys Thr Gln His Lys Leu Lys Arg Ala Leu Met Phe Leu Ile Val
 35 40 45
 Lys Lys Leu
 50

<210> 286

<211> 52

<212> PRT

<213> Homo sapiens

<400> 286

Pro Phe His His Ile Ala Thr Asp Val Gly Pro Phe Val Arg Ile Gly
 1 5 10 15
 Phe Leu Lys Ile Lys Gly Lys Ile Lys Gly Lys Ser Leu Arg Lys Pro
 20 25 30
 Asn Trp Lys Thr Gln His Lys Leu Lys Arg Ala Leu Met Phe Leu Ile
 35 40 45
 Val Lys Lys Leu
 50

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<400> 287

Pro Ser Ile Thr Leu Gln Gln Met Leu Ala Pro Ser
 1 5 10

<210> 288

<211> 11

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<213> Homo sapiens

<400> 288

Ser Ile Thr Leu Gln Gln Met Leu Ala Pro Ser
1 5 10

<210> 289

<211> 60

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<213> Homo sapiens

<400> 289

Thr Ser Cys Asn Glu Met Asn Pro Pro Phe His His Ile Ala Thr Asp
1 5 10 15
Val Gly Pro Phe Val Arg Ile Gly Phe Leu Lys Ile Lys Gly Lys Ile
20 25 30
Lys Gly Lys Ser Leu Arg Lys Pro Asn Trp Lys Thr Gln His Lys Leu
35 40 45
Lys Arg Ala Leu Met Phe Leu Ile Val Lys Lys Leu
50 55 60

<210> 290

<211> 61

<212> PRT

<213> Homo sapiens

<400> 290

Thr Ser Cys Asn Glu Met Asn Pro Pro Pro Phe His His Ile Ala Thr
1 5 10 15
Asp Val Gly Pro Phe Val Arg Ile Gly Phe Leu Lys Ile Lys Gly Lys
20 25 30
Ile Lys Gly Lys Ser Leu Arg Lys Pro Asn Trp Lys Thr Gln His Lys
35 40 45
Leu Lys Arg Ala Leu Met Phe Leu Ile Val Lys Lys Leu
50 55 60

<210> 291

<211> 20

<212> PRT

<213> Homo sapiens

<400> 291

Thr Ser Cys Asn Glu Met Asn Pro Pro Ser Ile Thr Leu Gln Gln Met
Page 87

1 5 10 15

Leu Ala Pro Ser
20

<210> 292

<211> 21

<212> PRT

<213> Homo sapiens

<400> 292

Thr Ser Cys Asn Glu Met Asn Pro Pro Pro Ser Ile Thr Leu Gln Gln
1 5 10 15

Met Leu Ala Pro Ser
20

<210> 293

<211> 10

<212> PRT

<213> Homo sapiens

<400> 293

Leu Glu Met Ile Leu Phe Leu Met Thr Phe
1 5 10

<210> 294

<211> 18

<212> PRT

<213> Homo sapiens

<400> 294

His Pro Cys Ile Thr Lys Thr Phe Leu Glu Met Ile Leu Phe Leu Met
1 5 10 15

Thr Phe

<210> 295

<211> 19

<212> PRT

<213> Homo sapiens

<400> 295

His Pro Cys Ile Thr Lys Thr Phe Phe Leu Glu Met Ile Leu Phe Leu
1 5 10 15

Met Thr Phe

<210> 296

<211> 11

<212> PRT

<213> Homo sapiens

<400> 296

His Pro Cys Ile Thr Lys Thr Phe Phe Trp Arg
1 5 10

<210> 297

<211> 10

<212> PRT

<213> Homo sapiens

<400> 297

His Pro Cys Ile Thr Lys Thr Phe Trp Arg
1 5 10

<210> 298

<211> 22

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<213> Homo sapiens

<400> 298

Leu Met Phe Glu His Ser Gln Met Arg Leu Asn Ser Lys Asn Ala His
1 5 10 15

Leu Pro Ile Ile Ser Phe
20

<210> 299

<211> 30

<212> PRT

<213> Homo sapiens

<400> 299

Glu Tyr Gly Ser Ile Ile Ala Phe Leu Met Phe Glu His Ser Gln Met
1 5 10 15
Arg Leu Asn Ser Lys Asn Ala His Leu Pro Ile Ile Ser Phe
20 25 30

<210> 300

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<213> Homo sapiens

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Glu Tyr Gly Ser Ile Ile Ala Phe Phe Leu Met Phe Glu His Ser Gln
1 5 10 15
Met Arg Leu Asn Ser Lys Asn Ala His Leu Pro Ile Ile Ser Phe
20 25 30

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His Leu Asn Lys Gly Arg Arg Leu Gly Asp Lys Ile Arg Ala Thr
1 5 10 15

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<213> Homo sapiens

<400> 302

Phe His Leu Asn Lys Gly Arg Arg Leu Gly Asp Lys Ile Arg Ala Thr
1 5 10 15

<210> 303

<211> 23

<212> PRT

<213> Homo sapiens

<400> 303

Val Thr Ser Gly Thr Pro Phe Phe His Leu Asn Lys Gly Arg Arg Leu
1 5 10 15
Gly Asp Lys Ile Arg Ala Thr
20

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<211> 24

<212> PRT

<213> Homo sapiens

<400> 304

Val Thr Ser Gly Thr Pro Phe Phe Phe His Leu Asn Lys Gly Arg Arg
1 5 10 15
Leu Gly Asp Lys Ile Arg Ala Thr
20

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<212> PRT

<213> Homo sapiens

<400> 305

Val Thr Ser Gly Thr Pro Phe Phe Phe Ile
1 5 10

<210> 306

<211> 9

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<213> Homo sapiens

<400> 306

Val Thr Ser Gly Thr Pro Phe Phe Ile
1 5

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<211> 10

<212> PRT

<213> Homo sapiens

<400> 307

Cys Glu Ile Glu Arg Ile His Phe Phe Phe
1 5 10

<210> 308

<211> 11

<212> PRT

<213> Homo sapiens

<400> 308

Cys Glu Ile Glu Arg Ile His Phe Phe Ser Lys
1 5 10

<210> 309

<211> 10

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<213> Homo sapiens

<400> 309

Cys Glu Ile Glu Arg Ile His Phe Ser Lys
1 5 10

<210> 310

<211> 8

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<400> 310

Phe Arg Tyr Ile Ser Lys Ser Ile
1 5

<210> 311

<211> 7

<212> PRT

<213> Homo sapiens

<400> 311

Arg Tyr Ile Ser Lys Ser Ile
1 5

<210> 312

<211> 16

<212> PRT

<213> Homo sapiens

<400> 312

Phe Lys Lys Tyr Glu Pro Ile Phe Phe Arg Tyr Ile Ser Lys Ser Ile
1 5 10 15

<210> 313

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<213> Homo sapiens

<400> 313

Phe Lys Lys Tyr Glu Pro Ile Phe Arg Tyr Ile Ser Lys Ser Ile
1 5 10 15

<210> 314

<211> 56

<212> PRT

<213> Homo sapiens

<400> 314

Phe Pro Asp Ser Asp Gln Pro Gly Pro Leu Tyr Pro Leu Asp Pro Ser
1 5 10 15

Cys Leu Ile Ser Ser Ala Ser Asn Pro Gln Glu Leu Ser Asp Cys His
20 25 30

Tyr Ile His Leu Ala Phe Gly Phe Ser Asn Trp Arg Ser Cys Pro Val
35 40 45

Leu Pro Gly His Cys Gly Val Gln
50 55

<210> 315

<211> 55

<212> PRT

<213> Homo sapiens

<400> 315

Pro Asp Ser Asp Gln Pro Gly Pro Leu Tyr Pro Leu Asp Pro Ser Cys
1 5 10 15
Leu Ile Ser Ser Ala Ser Asn Pro Gln Glu Leu Ser Asp Cys His Tyr
20 25 30
Ile His Leu Ala Phe Gly Phe Ser Asn Trp Arg Ser Cys Pro Val Leu
35 40 45
Pro Gly His Cys Gly Val Gln
50 55

<210> 316

<211> 9

<212> PRT

<213> Homo sapiens

<400> 316

Leu Asn Met Phe Ala Ser Val Phe Ser
1 5

<210> 317

<211> 10

<212> PRT

<213> Homo sapiens

<400> 317

Leu Asn Met Phe Ala Ser Val Phe Phe Ser
1 5 10

<210> 318

<211> 64

<212> PRT

<213> Homo sapiens

<400> 318

Leu Asn Met Phe Ala Ser Val Phe Phe Pro Asp Ser Asp Gln Pro Gly
 1 5 10 15
 Pro Leu Tyr Pro Leu Asp Pro Ser Cys Leu Ile Ser Ser Ala Ser Asn
 20 25 30
 Pro Gln Glu Leu Ser Asp Cys His Tyr Ile His Leu Ala Phe Gly Phe
 35 40 45
 Ser Asn Trp Arg Ser Cys Pro Val Leu Pro Gly His Cys Gly Val Gln
 50 55 60

<210> 319

<211> 63

<212> PRT

<213> Homo sapiens

<400> 319

Leu Asn Met Phe Ala Ser Val Phe Pro Asp Ser Asp Gln Pro Gly Pro
 1 5 10 15
 Leu Tyr Pro Leu Asp Pro Ser Cys Leu Ile Ser Ser Ala Ser Asn Pro
 20 25 30
 Gln Glu Leu Ser Asp Cys His Tyr Ile His Leu Ala Phe Gly Phe Ser
 35 40 45
 Asn Trp Arg Ser Cys Pro Val Leu Pro Gly His Cys Gly Val Gln
 50 55 60

<210> 320

<211> 63

<212> PRT

<213> Homo sapiens

<400> 320

Ala Met Glu Glu Thr Val Val Val Ala Val Ala Thr Val Glu Thr Glu
 1 5 10 15
 Val Glu Ala Met Glu Glu Thr Gly Val Val Ala Ala Met Glu Glu Thr
 20 25 30
 Glu Val Gly Ala Thr Glu Glu Thr Glu Val Ala Met Glu Ala Lys Trp
 35 40 45
 Glu Glu Glu Thr Thr Thr Glu Met Ile Ser Ala Thr Asp His Thr
 50 55 60

<210> 321

<211> 55

<212> PRT

<213> Homo sapiens

<400> 321

Leu Trp Val Arg Pro Trp Leu Trp Glu Trp Leu Arg Trp Arg Pro Lys
1 5 10 15
Trp Arg Leu Trp Arg Arg Gln Glu Trp Trp Arg Leu Trp Arg Arg Pro
20 25 30
Arg Trp Gly Leu Arg Arg Arg Pro Arg Trp Leu Trp Arg Glu Asn Gly
35 40 45
Arg Lys Lys Arg Leu Gln Lys
50 55

<210> 322

<211> 71

<212> PRT

<213> Homo sapiens

<400> 322

Tyr Gly Gly Asp Arg Ser Arg Gly Ala Met Glu Glu Thr Val Val Val
1 5 10 15
Ala Val Ala Thr Val Glu Thr Glu Val Glu Ala Met Glu Glu Thr Gly
20 25 30
Val Val Ala Ala Met Glu Glu Thr Glu Val Gly Ala Thr Glu Glu Thr
35 40 45
Glu Val Ala Met Glu Ala Lys Trp Glu Glu Glu Thr Thr Thr Glu Met
50 55 60
Ile Ser Ala Thr Asp His Thr
65 70

<210> 323

<211> 72

<212> PRT

<213> Homo sapiens

<400> 323

Tyr Gly Gly Asp Arg Ser Arg Gly Gly Ala Met Glu Glu Thr Val Val
1 5 10 15
Val Ala Val Ala Thr Val Glu Thr Glu Val Glu Ala Met Glu Glu Thr
Page 96

	20		25		30										
Gly	Val	Val	Ala	Ala	Met	Glu	Glu	Thr	Glu	Val	Gly	Ala	Thr	Glu	Glu
		35					40					45			
Thr	Glu	Val	Ala	Met	Glu	Ala	Lys	Trp	Glu	Glu	Glu	Thr	Thr	Thr	Glu
	50					55					60				
Met	Ile	Ser	Ala	Thr	Asp	His	Thr								
65					70										

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<211> 64

<212> PRT

<213> Homo sapiens

<400> 324

Tyr	Gly	Gly	Asp	Arg	Ser	Arg	Gly	Gly	Leu	Trp	Val	Arg	Pro	Trp	Leu
1				5					10					15	
Trp	Glu	Trp	Leu	Arg	Trp	Glu	Pro	Lys	Trp	Arg	Leu	Trp	Arg	Arg	Gln
			20					25					30		
Glu	Trp	Trp	Arg	Leu	Trp	Arg	Arg	Pro	Arg	Trp	Gly	Leu	Arg	Arg	Arg
		35					40					45			
Pro	Arg	Trp	Leu	Trp	Arg	Glu	Asn	Gly	Arg	Lys	Lys	Arg	Leu	Gln	Lys
	50					55					60				

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<211> 63

<212> PRT

<213> Homo sapiens

<400> 325

Tyr	Gly	Gly	Asp	Arg	Ser	Arg	Gly	Leu	Trp	Val	Arg	Pro	Trp	Leu	Trp
1				5				10						15	
Glu	Trp	Leu	Arg	Trp	Glu	Pro	Lys	Trp	Arg	Leu	Trp	Arg	Arg	Gln	Glu
			20					25					30		
Trp	Trp	Arg	Leu	Trp	Arg	Arg	Pro	Arg	Trp	Gly	Leu	Arg	Arg	Arg	Pro
		35					40					45			
Arg	Trp	Leu	Trp	Arg	Glu	Asn	Gly	Arg	Lys	Lys	Arg	Leu	Gln	Lys	
	50					55					60				

<210> 326

<211> 9

<212> PRT

<213> Homo sapiens

<400> 326

Glu Phe Gly Gly Gly Arg Arg Gln Lys
1 5

<210> 327

<211> 8

<212> PRT

<213> Homo sapiens

<400> 327

Glu Phe Gly Gly Arg Arg Gln Lys
1 5

<210> 328

<211> 15

<212> PRT

<213> Homo sapiens

<400> 328

Arg Arg Ala Lys Gly Gly Gly Ala Gly Ala Ser Asn Pro Arg Gln
1 5 10 15

<210> 329

<211> 16

<212> PRT

<213> Homo sapiens

<400> 329

Gly Arg Arg Ala Lys Gly Gly Gly Ala Gly Ala Ser Asn Pro Arg Gln
1 5 10 15

<210> 330

<211> 21

<212> PRT

<213> Homo sapiens

<400> 330

Asp Val Gly Leu Arg Glu Gly Ala Leu Glu Leu Pro Thr Arg Gly Asn
1 5 10 15
Lys Arg Asn Val Ala
20

<210> 331

<211> 24

<212> PRT

<213> Homo sapiens

<400> 331

Met Arg Gly Gly Gly Gly Val Gly Gly Arg Arg Ala Lys Gly Gly Gly
1 5 10 15
Ala Gly Ala Ser Asn Pro Arg Gln
20

<210> 332

<211> 25

<212> PRT

<213> Homo sapiens

<400> 332

Met Arg Gly Gly Gly Gly Val Gly Gly Gly Arg Arg Ala Lys Gly Gly
1 5 10 15
Gly Ala Gly Ala Ser Asn Pro Arg Gln
20 25

<210> 333

<211> 30

<212> PRT

<213> Homo sapiens

<400> 333

Met Arg Gly Gly Gly Gly Val Gly Gly Asp Val Gly Leu Arg Glu Gly
1 5 10 15
Ala Leu Glu Leu Pro Thr Arg Gly Asn Lys Arg Asn Val Ala
20 25 30

<210> 334

<211> 29

<212> PRT

<213> Homo sapiens

<400> 334

Met Arg Gly Gly Gly Gly Val Gly Asp Val Gly Leu Arg Glu Gly Ala
1 5 10 15

Leu Glu Leu Pro Thr Arg Gly Asn Lys Arg Asn Val Ala
20 25

<210> 335

<211> 25

<212> PRT

<213> Homo sapiens

<400> 335

Val Trp Gln Leu Ala Gly Pro Met Leu Ala Gly Trp Arg Ser Leu Gly
1 5 10 15

Ser Trp Phe Cys Arg Met Tyr Gly Ile
20 25

<210> 336

<211> 46

<212> PRT

<213> Homo sapiens

<400> 336

Cys Gly Ser Trp Pro Ala Leu Cys Trp Arg Ala Gly Gly Val Trp Ala
1 5 10 15

Val Gly Ser Ala Gly Cys Met Glu Tyr Asp Pro Glu Ala Leu Pro Ala
20 25 30

Ala Trp Gly Pro Ala Ala Ala Ala Thr Val His Pro Arg Arg
35 40 45

<210> 337

<211> 33

<212> PRT

<213> Homo sapiens

<400> 337

Arg Arg Tyr Pro Cys Glu Trp Gly Val Trp Gln Leu Ala Gly Pro Met
1 5 10 15
Leu Ala Gly Trp Arg Ser Leu Gly Ser Trp Phe Cys Arg Met Tyr Gly
20 25 30
Ile

<210> 338

<211> 34

<212> PRT

<213> Homo sapiens

<400> 338

Arg Arg Tyr Pro Cys Glu Trp Gly Gly Val Trp Gln Leu Ala Gly Pro
1 5 10 15
Met Leu Ala Gly Trp Arg Ser Leu Gly Ser Trp Phe Cys Arg Met Tyr
20 25 30
Gly Ile

<210> 339

<211> 55

<212> PRT

<213> Homo sapiens

<400> 339

Arg Arg Tyr Pro Cys Glu Trp Gly Gly Cys Gly Ser Trp Pro Ala Leu
1 5 10 15
Cys Trp Arg Ala Gly Gly Val Trp Ala Val Gly Ser Ala Gly Cys Met
20 25 30
Glu Tyr Asp Pro Glu Ala Leu Pro Ala Ala Trp Gly Pro Ala Ala Ala
35 40 45
Ala Thr Val His Pro Arg Arg
50 55

<210> 340

<211> 54

<212> PRT

<213> Homo sapiens

<400> 340

Arg Arg Tyr Pro Cys Glu Trp Gly Cys Gly Ser Trp Pro Ala Leu Cys
1 5 10 15
Trp Arg Ala Gly Gly Val Trp Ala Val Gly Ser Ala Gly Cys Met Glu
20 25 30
Tyr Asp Pro Glu Ala Leu Pro Ala Ala Trp Gly Pro Ala Ala Ala Ala
35 40 45
Thr Val His Pro Arg Arg
50

<210> 341

<211> 43

<212> PRT

<213> Homo sapiens

<400> 341

Leu Trp Leu Trp Ala Gly Trp Thr Val Trp Trp Ser Cys Gly Pro Gly
1 5 10 15
Glu Lys Gly His Gly Trp Pro Ser Leu Pro Thr Met Ala Leu Leu Leu
20 25 30
Leu Arg Phe Ser Cys Met Arg Val Ala Ser Tyr
35 40

<210> 342

<211> 44

<212> PRT

<213> Homo sapiens

<400> 342

Gly Leu Trp Leu Trp Ala Gly Trp Thr Val Trp Trp Ser Cys Gly Pro
1 5 10 15
Gly Glu Lys Gly His Gly Trp Pro Ser Leu Pro Thr Met Ala Leu Leu
20 25 30
Leu Leu Arg Phe Ser Cys Met Arg Val Ala Ser Tyr
35 40

<210> 343

<211> 84

<212> PRT

<213> Homo sapiens

<400> 343

Gly Cys Gly Cys Gly Pro Ala Gly Gln Tyr Gly Gly Ala Val Gly Leu
1 5 10 15
Ala Arg Arg Gly Thr Ala Gly Cys Leu Pro Cys Pro Pro Trp Leu Cys
20 25 30
Cys Cys Cys Ala Phe Pro Ala Cys Gly Leu Pro Gly Thr Asp Gly Trp
35 40 45
Arg Gly Trp Gln Gly Ser Gly Cys Val Arg Val Ser Gly Ser Ala Pro
50 55 60
Trp Ala Pro Gly Phe Pro Phe Ser Pro Pro Cys Pro Leu Cys Gly Thr
65 70 75 80
Gln Pro Arg Trp

<210> 344

<211> 83

<212> PRT

<213> Homo sapiens

<400> 344

Cys Gly Cys Gly Pro Ala Gly Gln Tyr Gly Gly Ala Val Gly Leu Ala
1 5 10 15
Arg Arg Gly Thr Ala Gly Cys Leu Pro Cys Pro Pro Trp Leu Cys Cys
20 25 30
Cys Cys Ala Phe Pro Ala Cys Gly Leu Pro Gly Thr Asp Gly Trp Arg
35 40 45
Gly Trp Gln Gly Ser Gly Cys Val Arg Val Ser Gly Ser Ala Pro Trp
50 55 60
Ala Pro Gly Phe Pro Phe Ser Pro Pro Cys Pro Leu Cys Gly Thr Gln
65 70 75 80
Pro Arg Trp

<210> 345

<211> 51

<212> PRT

<213> Homo sapiens

<400> 345

Leu Ala Phe Asn Val Pro Gly Gly Leu Trp Leu Trp Ala Gly Trp Thr
1 5 10 15
Val Trp Trp Ser Cys Gly Pro Gly Glu Lys Gly His Gly Trp Pro Ser
20 25 30
Leu Pro Thr Met Ala Leu Leu Leu Leu Arg Phe Ser Cys Met Arg Val
35 40 45
Ala Ser Tyr
50

<210> 346

<211> 52

<212> PRT

<213> Homo sapiens

<400> 346

Leu Ala Phe Asn Val Pro Gly Gly Gly Leu Trp Leu Trp Ala Gly Trp
1 5 10 15
Thr Val Trp Trp Ser Cys Gly Pro Gly Glu Lys Gly His Gly Trp Pro
20 25 30
Ser Leu Pro Thr Met Ala Leu Leu Leu Leu Arg Phe Ser Cys Met Arg
35 40 45
Val Ala Ser Tyr
50

<210> 347

<211> 92

<212> PRT

<213> Homo sapiens

<400> 347

Leu Ala Phe Asn Val Pro Gly Gly Gly Cys Gly Cys Gly Pro Ala Gly
1 5 10 15
Gln Tyr Gly Gly Ala Val Gly Leu Ala Arg Arg Gly Thr Ala Gly Cys
20 25 30
Leu Pro Cys Pro Pro Trp Leu Cys Cys Cys Cys Ala Phe Pro Ala Cys
35 40 45
Gly Leu Pro Gly Thr Asp Gly Trp Arg Gly Trp Gln Gly Ser Gly Cys
50 55 60

Val Arg Val Ser Gly Ser Ala Pro Trp Ala Pro Gly Phe Pro Phe Ser
65 70 75 80

Pro Pro Cys Pro Leu Cys Gly Thr Gln Pro Arg Trp
85 90

<210> 348

<211> 91

<212> PRT

<213> Homo sapiens

<400> 348

Leu Ala Phe Asn Val Pro Gly Gly Cys Gly Cys Gly Pro Ala Gly Gln
1 5 10 15

Tyr Gly Gly Ala Val Gly Leu Ala Arg Arg Gly Thr Ala Gly Cys Leu
20 25 30

Pro Cys Pro Pro Trp Leu Cys Cys Cys Cys Ala Phe Pro Ala Cys Gly
35 40 45

Leu Pro Gly Thr Asp Gly Trp Arg Gly Trp Gln Gly Ser Gly Cys Val
50 55 60

Arg Val Ser Gly Ser Ala Pro Trp Ala Pro Gly Phe Pro Phe Ser Pro
65 70 75 80

Pro Cys Pro Leu Cys Gly Thr Gln Pro Arg Trp
85 90

<210> 349

<211> 17

<212> PRT

<213> Homo sapiens

<400> 349

Pro Pro Met Pro Met Pro Gly Gln Arg Glu Ala Pro Gly Arg Gln Glu
1 5 10 15

Ala

<210> 350

<211> 18

<212> PRT

<213> Homo sapiens

<400> 350

Gly Pro Pro Met Pro Met Pro Gly Gln Arg Glu Ala Pro Gly Arg Gln
1 5 10 15

Glu Ala

<210> 351

<211> 24

<212> PRT

<213> Homo sapiens

<400> 351

Gly His Gln Cys Gln Cys Gln Gly Lys Gly Arg His Arg Ala Asp Arg
1 5 10 15

Arg Pro Asp Thr Ala Gln Glu Glu
20

<210> 352

<211> 23

<212> PRT

<213> Homo sapiens

<400> 352

His Gln Cys Gln Cys Gln Gly Lys Gly Arg His Arg Ala Asp Arg Arg
1 5 10 15

Pro Asp Thr Ala Gln Glu Glu
20

<210> 353

<211> 25

<212> PRT

<213> Homo sapiens

<400> 353

Gly Gly His Ser Tyr Gly Gly Gly Pro Pro Met Pro Met Pro Gly Gln
1 5 10 15

Arg Glu Ala Pro Gly Arg Gln Glu Ala
20 25

<210> 354

<211> 26

<212> PRT

<213> Homo sapiens

<400> 354

Gly Gly His Ser Tyr Gly Gly Gly Gly Pro Pro Met Pro Met Pro Gly
1 5 10 15

Gln Arg Glu Ala Pro Gly Arg Gln Glu Ala
20 25

<210> 355

<211> 32

<212> PRT

<213> Homo sapiens

<400> 355

Gly Gly His Ser Tyr Gly Gly Gly Gly His Gln Cys Gln Cys Gln Gly
1 5 10 15

Lys Gly Arg His Arg Ala Asp Arg Arg Pro Asp Thr Ala Gln Glu Glu
20 25 30

<210> 356

<211> 31

<212> PRT

<213> Homo sapiens

<400> 356

Gly Gly His Ser Tyr Gly Gly Gly His Gln Cys Gln Cys Gln Gly Lys
1 5 10 15

Gly Arg His Arg Ala Asp Arg Arg Pro Asp Thr Ala Gln Glu Glu
20 25 30

<210> 357

<211> 10

<212> PRT

<213> Homo sapiens

<400> 357

Ala Pro Cys Pro Gln Ser Ser Gly Gly Gly
1 5 10

<210> 358

<211> 17

<212> PRT

<213> Homo sapiens

<400> 358

Leu Pro Ala Pro Ser Gln Ala Ala Ala Asp Glu Leu Asp Arg Arg Pro
1 5 10 15

Gly

<210> 359

<211> 18

<212> PRT

<213> Homo sapiens

<400> 359

Thr Lys Val Arg Leu Ile Arg Gly Ala Pro Cys Pro Gln Ser Ser Gly
1 5 10 15

Gly Gly

<210> 360

<211> 19

<212> PRT

<213> Homo sapiens

<400> 360

Thr Lys Val Arg Leu Ile Arg Gly Gly Ala Pro Cys Pro Gln Ser Ser
1 5 10 15

Gly Gly Gly

<210> 361

<211> 26

<212> PRT

<213> Homo sapiens

<400> 361

Thr Lys Val Arg Leu Ile Arg Gly Gly Leu Pro Ala Pro Ser Gln Ala
1 5 10 15
Ala Ala Asp Glu Leu Asp Arg Arg Pro Gly
20 25

<210> 362

<211> 25

<212> PRT

<213> Homo sapiens

<400> 362

Thr Lys Val Arg Leu Ile Arg Gly Leu Pro Ala Pro Ser Gln Ala Ala
1 5 10 15
Ala Asp Glu Leu Asp Arg Arg Pro Gly
20 25

<210> 363

<211> 45

<212> PRT

<213> Homo sapiens

<400> 363

Cys Ser Leu Ala Lys Asp Gly Ser Thr Glu Asp Thr Val Ser Ser Leu
1 5 10 15
Cys Gly Glu Glu Asp Thr Glu Asp Glu Glu Leu Glu Ala Ala Ala Ser
20 25 30
His Leu Asn Lys Asp Leu Tyr Arg Glu Leu Leu Gly Gly
35 40 45

<210> 364

<211> 46

<212> PRT

<213> Homo sapiens

<400> 364

Gly Cys Ser Leu Ala Lys Asp Gly Ser Thr Glu Asp Thr Val Ser Ser
1 5 10 15

Leu Cys Gly Glu Glu Asp Thr Glu Asp Glu Glu Leu Glu Ala Ala Ala
20 25 30

Ser His Leu Asn Lys Asp Leu Tyr Arg Glu Leu Leu Gly Gly
35 40 45

<210> 365

<211> 21

<212> PRT

<213> Homo sapiens

<400> 365

Ala Ala Ala Trp Gln Lys Met Ala Pro Pro Arg Thr Pro Arg Pro Ala
1 5 10 15

Cys Val Ala Arg Arg
20

<210> 366

<211> 54

<212> PRT

<213> Homo sapiens

<400> 366

Glu Asn Ser Arg Pro Lys Arg Gly Gly Cys Ser Leu Ala Lys Asp Gly
1 5 10 15

Ser Thr Glu Asp Thr Val Ser Ser Leu Cys Gly Glu Glu Asp Thr Glu
20 25 30

Asp Glu Glu Leu Glu Ala Ala Ala Ser His Leu Asn Lys Asp Leu Tyr
35 40 45

Arg Glu Leu Leu Gly Gly
50

<210> 367

<211> 55

<212> PRT

<213> Homo sapiens

<400> 367

Glu Asn Ser Arg Pro Lys Arg Gly Gly Gly Cys Ser Leu Ala Lys Asp
1 5 10 15

Gly Ser Thr Glu Asp Thr Val Ser Ser Leu Cys Gly Glu Glu Asp Thr
20 25 30
Glu Asp Glu Glu Leu Glu Ala Ala Ala Ser His Leu Asn Lys Asp Leu
35 40 45
Tyr Arg Glu Leu Leu Gly Gly
50 55

<210> 368

<211> 30

<212> PRT

<213> Homo sapiens

<400> 368

Glu Asn Ser Arg Pro Lys Arg Gly Gly Ala Ala Ala Trp Gln Lys Met
1 5 10 15
Ala Pro Pro Arg Thr Pro Arg Pro Ala Cys Val Ala Arg Arg
20 25 30

<210> 369

<211> 29

<212> PRT

<213> Homo sapiens

<400> 369

Glu Asn Ser Arg Pro Lys Arg Gly Ala Ala Ala Trp Gln Lys Met Ala
1 5 10 15
Pro Pro Arg Thr Pro Arg Pro Ala Cys Val Ala Arg Arg
20 25

<210> 370

<211> 10

<212> PRT

<213> Homo sapiens

<400> 370

His Cys Val Leu Ala Ala Ser Gly Ala Ser
1 5 10

<210> 371

<211> 11

<212> PRT

<213> Homo sapiens

<400> 371

Gly His Cys Val Leu Ala Ala Ser Gly Ala Ser
1 5 10

<210> 372

<211> 28

<212> PRT

<213> Homo sapiens

<400> 372

Gly Thr Ala Ser Ser Arg Pro Leu Gly Leu Pro Lys Pro His Leu His
1 5 10 15

Arg Pro Val Pro Ile Arg His Pro Ser Cys Pro Lys
20 25

<210> 373

<211> 27

<212> PRT

<213> Homo sapiens

<400> 373

Thr Ala Ser Ser Arg Pro Leu Gly Leu Pro Lys Pro His Leu His Arg
1 5 10 15

Pro Val Pro Ile Arg His Pro Ser Cys Pro Lys
20 25

<210> 374

<211> 18

<212> PRT

<213> Homo sapiens

<400> 374

Ala Gly Thr Leu Gln Leu Gly Gly His Cys Val Leu Ala Ala Ser Gly
1 5 10 15

Ala Ser

<210> 375

<211> 19

<212> PRT

<213> Homo sapiens

<400> 375

Ala Gly Thr Leu Gln Leu Gly Gly Gly His Cys Val Leu Ala Ala Ser
1 5 10 15

Gly Ala Ser

<210> 376

<211> 35

<212> PRT

<213> Homo sapiens

<400> 376

Ala Gly Thr Leu Gln Leu Gly Gly Thr Ala Ser Ser Arg Pro Leu Gly
1 5 10 15

Leu Pro Lys Pro His Leu His Arg Pro Val Pro Ile Arg His Pro Ser
20 25 30

Cys Pro Lys
35

<210> 377

<211> 36

<212> PRT

<213> Homo sapiens

<400> 377

Ala Gly Thr Leu Gln Leu Gly Gly Gly Thr Ala Ser Ser Arg Pro Leu
1 5 10 15

Gly Leu Pro Lys Pro His Leu His Arg Pro Val Pro Ile Arg His Pro
20 25 30

Ser Cys Pro Lys
35

<210> 378

<211> 9

<212> PRT

<213> Homo sapiens

<400> 378

Arg Arg Thr Pro Ser Thr Glu Lys Arg
1 5

<210> 379

<211> 10

<212> PRT

<213> Homo sapiens

<400> 379

Arg Arg Thr Pro Ser Thr Glu Lys Lys Arg
1 5 10

<210> 380

<211> 14

<212> PRT

<213> Homo sapiens

<400> 380

Arg Arg Thr Pro Ser Thr Glu Lys Lys Gly Arg Ser Glu Cys
1 5 10

<210> 381

<211> 13

<212> PRT

<213> Homo sapiens

<400> 381

Arg Arg Thr Pro Ser Thr Glu Lys Gly Arg Ser Glu Cys
1 5 10

<210> 382

<211> 46

<212> PRT

<213> Homo sapiens

<400> 382

Ser Thr Thr Lys Cys Gln Ser Gly Thr Ala Glu Thr Tyr Asn Ser Trp
1 5 10 15
Lys Val Lys Asn Leu Gln Leu Glu Pro Arg Arg Val Thr Ser Gln Met
20 25 30
Asn Arg Gln Val Lys Asp Met Thr Ala Ile Leu Ser Gln Ser
35 40 45

<210> 383

<211> 17

<212> PRT

<213> Homo sapiens

<400> 383

Val Gln Pro Asn Ala Ser Gln Ala Gln Gln Lys Pro Thr Thr His Gly
1 5 10 15
Arg

<210> 384

<211> 54

<212> PRT

<213> Homo sapiens

<400> 384

Ser Ser Glu Glu Ile Lys Lys Lys Ser Thr Thr Lys Cys Gln Ser Gly
1 5 10 15
Thr Ala Glu Thr Tyr Asn Ser Trp Lys Val Lys Asn Leu Gln Leu Glu
20 25 30
Pro Arg Arg Val Thr Ser Gln Met Asn Arg Gln Val Lys Asp Met Thr
35 40 45
Ala Ile Leu Ser Gln Ser
50

<210> 385

<211> 55

<212> PRT

<213> Homo sapiens

<400> 385

Ser Ser Glu Glu Ile Lys Lys Lys Lys Ser Thr Thr Lys Cys Gln Ser
1 5 10 15
Gly Thr Ala Glu Thr Tyr Asn Ser Trp Lys Val Lys Asn Leu Gln Leu
20 25 30
Glu Pro Arg Arg Val Thr Ser Gln Met Asn Arg Gln Val Lys Asp Met
35 40 45
Thr Ala Ile Leu Ser Gln Ser
50 55

<210> 386

<211> 26

<212> PRT

<213> Homo sapiens

<400> 386

Ser Ser Glu Glu Ile Lys Lys Lys Lys Val Gln Pro Asn Ala Ser Gln
1 5 10 15
Ala Gln Gln Lys Pro Thr Thr His Gly Arg
20 25

<210> 387

<211> 25

<212> PRT

<213> Homo sapiens

<400> 387

Ser Ser Glu Glu Ile Lys Lys Lys Val Gln Pro Asn Ala Ser Gln Ala
1 5 10 15
Gln Gln Lys Pro Thr Thr His Gly Arg
20 25

<210> 388

<211> 9

<212> PRT

<213> Homo sapiens

<400> 388

Asn Arg Gly Trp Val Gly Ala Gly Glu
1 5

<210> 389

<211> 4

<212> PRT

<213> Homo sapiens

<400> 389

Ile Glu Ala Gly
1

<210> 390

<211> 17

<212> PRT

<213> Homo sapiens

<400> 390

Val His Asn Tyr Cys Asn Met Lys Asn Arg Gly Trp Val Gly Ala Gly
1 5 10 15
Glu

<210> 391

<211> 18

<212> PRT

<213> Homo sapiens

<400> 391

Val His Asn Tyr Cys Asn Met Lys Lys Asn Arg Gly Trp Val Gly Ala
1 5 10 15
Gly Glu

<210> 392

<211> 13

<212> PRT

<213> Homo sapiens

<400> 392

Val His Asn Tyr Cys Asn Met Lys Lys Ile Glu Ala Gly
1 5 10

<210> 393

<211> 12

<212> PRT

<213> Homo sapiens

<400> 393

Val His Asn Tyr Cys Asn Met Lys Ile Glu Ala Gly
1 5 10

<210> 394

<211> 25

<212> PRT

<213> Homo sapiens

<400> 394

Gln Leu Arg Cys Trp Asn Thr Trp Ala Lys Met Phe Phe Met Val Phe
1 5 10 15

Leu Ile Ile Trp Gln Asn Thr Met Phe
20 25

<210> 395

<211> 33

<212> PRT

<213> Homo sapiens

<400> 395

Val Lys Lys Asp Asn His Lys Lys Gln Leu Arg Cys Trp Asn Thr Trp
1 5 10 15

Ala Lys Met Phe Phe Met Val Phe Leu Ile Ile Trp Gln Asn Thr Met
20 25 30

Phe

<210> 396

<211> 34

<212> PRT

<213> Homo sapiens

<400> 396

Val Lys Lys Asp Asn His Lys Lys Lys Gln Leu Arg Cys Trp Asn Thr
1 5 10 15

Trp Ala Lys Met Phe Phe Met Val Phe Leu Ile Ile Trp Gln Asn Thr
20 25 30

Met Phe

<210> 397

<211> 11

<212> PRT

<213> Homo sapiens

<400> 397

Val Lys Lys Asp Asn His Lys Lys Lys Asn Ser
1 5 10

<210> 398

<211> 10

<212> PRT

<213> Homo sapiens

<400> 398

Val Lys Lys Asp Asn His Lys Lys Asn Ser
1 5 10

<210> 399

<211> 35

<212> PRT

<213> Homo sapiens

<400> 399

Gly Ala Glu Glu Ser Gly Pro Phe Asn Arg Gln Val Gln Leu Lys Val
1 5 10 15

His Ala Ser Gly Met Gly Arg His Leu Trp Asn Cys Pro Ala Phe Trp
20 25 30

Ser Glu Val
35

<210> 400

<211> 10

<212> PRT

<213> Homo sapiens

<400> 400

His Pro Ser Pro Pro Pro Glu Lys Arg Ser
1 5 10

<210> 401

<211> 11

<212> PRT

<213> Homo sapiens

<400> 401

His Pro Ser Pro Pro Pro Glu Lys Lys Arg Ser
1 5 10

<210> 402

<211> 44

<212> PRT

<213> Homo sapiens

<400> 402

His Pro Ser Pro Pro Pro Glu Lys Lys Gly Ala Glu Glu Ser Gly Pro
1 5 10 15

Phe Asn Arg Gln Val Gln Leu Lys Val His Ala Ser Gly Met Gly Arg
20 25 30

His Leu Trp Asn Cys Pro Ala Phe Trp Ser Glu Val
35 40

<210> 403

<211> 43

<212> PRT

<213> Homo sapiens

<400> 403

His Pro Ser Pro Pro Pro Glu Lys Gly Ala Glu Glu Ser Gly Pro Phe
1 5 10 15
Asn Arg Gln Val Gln Leu Lys Val His Ala Ser Gly Met Gly Arg His
20 25 30
Leu Trp Asn Cys Pro Ala Phe Trp Ser Glu Val
35 40

<210> 404

<211> 39

<212> PRT

<213> Homo sapiens

<400> 404

Met Gln Val Leu Ser Lys Thr His Met Asn Leu Phe Pro Gln Val Leu
1 5 10 15
Leu Gln Met Phe Leu Arg Gly Leu Lys Arg Leu Leu Gln Asp Leu Glu
20 25 30
Lys Ser Lys Lys Arg Lys Leu
35

<210> 405

<211> 8

<212> PRT

<213> Homo sapiens

<400> 405

Arg Cys Lys Ser Ala Arg Leu Ile
1 5

<210> 406

<211> 48

<212> PRT

<213> Homo sapiens

<400> 406

Val Gln Thr Gln Pro Ala Ile Lys Lys Met Gln Val Leu Ser Lys Thr
1 5 10 15
His Met Asn Leu Phe Pro Gln Val Leu Leu Gln Met Phe Leu Arg Gly
20 25 30

Leu Lys Arg Leu Leu Gln Asp Leu Glu Lys Ser Lys Lys Arg Lys Leu
35 40 45

<210> 407

<211> 49

<212> PRT

<213> Homo sapiens

<400> 407

Val Gln Thr Gln Pro Ala Ile Lys Lys Lys Met Gln Val Leu Ser Lys
1 5 10 15

Thr His Met Asn Leu Phe Pro Gln Val Leu Leu Gln Met Phe Leu Arg
20 25 30

Gly Leu Lys Arg Leu Leu Gln Asp Leu Glu Lys Ser Lys Lys Arg Lys
35 40 45

Leu

<210> 408

<211> 17

<212> PRT

<213> Homo sapiens

<400> 408

Val Gln Thr Gln Pro Ala Ile Lys Lys Arg Cys Lys Ser Ala Arg Leu
1 5 10 15

Ile

<210> 409

<211> 16

<212> PRT

<213> Homo sapiens

<400> 409

Val Gln Thr Gln Pro Ala Ile Lys Arg Cys Lys Ser Ala Arg Leu Ile
1 5 10 15

<210> 410

<211> 11

<212> PRT

<213> Homo sapiens

<400> 410

Ala Arg Ser Gly Lys Lys Gln Lys Arg Lys Leu
1 5 10

<210> 411

<211> 12

<212> PRT

<213> Homo sapiens

<400> 411

Ala Arg Ser Gly Lys Lys Gln Lys Lys Arg Lys Leu
1 5 10

<210> 412

<211> 13

<212> PRT

<213> Homo sapiens

<400> 412

Ala Arg Ser Gly Lys Lys Gln Lys Lys Glu Asn Ser Phe
1 5 10

<210> 413

<211> 12

<212> PRT

<213> Homo sapiens

<400> 413

Ala Arg Ser Gly Lys Lys Gln Lys Glu Asn Ser Phe
1 5 10

<210> 414

<211> 14

<212> PRT

<213> Homo sapiens

<400> 414

Lys Ala Ser Ala Arg Ser Gly Lys Ser Lys Lys Arg Lys Leu
1 5 10

<210> 415

<211> 15

<212> PRT

<213> Homo sapiens

<400> 415

Lys Ala Ser Ala Arg Ser Gly Lys Lys Ser Lys Lys Arg Lys Leu
1 5 10 15

<210> 416

<211> 16

<212> PRT

<213> Homo sapiens

<400> 416

Lys Ala Ser Ala Arg Ser Gly Lys Lys Ala Lys Lys Glu Asn Ser Phe
1 5 10 15

<210> 417

<211> 15

<212> PRT

<213> Homo sapiens

<400> 417

Lys Ala Ser Ala Arg Ser Gly Lys Ala Lys Lys Glu Asn Ser Phe
1 5 10 15

<210> 418

<211> 15

<212> PRT

<213> Homo sapiens

<400> 418

His Leu Asn Lys Gly Arg Arg Leu Gly Asp Lys Ile Arg Ala Thr
1 5 10 15

<210> 419

<211> 23

<212> PRT

<213> Homo sapiens

<400> 419

Val Thr Ser Gly Thr Pro Phe Phe His Leu Asn Lys Gly Arg Arg Leu
1 5 10 15

Gly Asp Lys Ile Arg Ala Thr
20

<210> 420

<211> 24

<212> PRT

<213> Homo sapiens

<400> 420

Val Thr Ser Gly Thr Pro Phe Phe Phe His Leu Asn Lys Gly Arg Arg
1 5 10 15

Leu Gly Asp Lys Ile Arg Ala Thr
20

<210> 421

<211> 10

<212> PRT

<213> Homo sapiens

<400> 421

Val Thr Ser Gly Thr Pro Phe Phe Phe Ile
1 5 10

<210> 422

<211> 9

<212> PRT

<213> Homo sapiens

<400> 422

Val Thr Ser Gly Thr Pro Phe Phe Ile
1 5

<210> 423

<211> 51

<212> PRT

<213> Homo sapiens

<400> 423

Val Thr Leu Leu Tyr Val Asn Thr Val Thr Leu Ala Pro Asn Val Asn
1 5 10 15

Met Glu Ser Ser Arg Asn Ala His Ser Pro Ala Thr Pro Ser Ala Lys
20 25 30

Arg Lys Asp Pro Asp Leu Thr Trp Gly Gly Phe Val Phe Phe Phe Cys
35 40 45

Gln Phe His
50

<210> 424

<211> 60

<212> PRT

<213> Homo sapiens

<400> 424

Lys Cys Arg Cys Lys Pro Asn Phe Phe Val Thr Leu Leu Tyr Val Asn
1 5 10 15

Thr Val Thr Leu Ala Pro Asn Val Asn Met Glu Ser Ser Arg Asn Ala
20 25 30

His Ser Pro Ala Thr Pro Ser Ala Lys Arg Lys Asp Pro Asp Leu Thr
35 40 45

Trp Gly Gly Phe Val Phe Phe Phe Cys Gln Phe His
50 55 60

<210> 425

<211> 61

<212> PRT

<213> Homo sapiens

<400> 425

Lys Cys Arg Cys Lys Pro Asn Phe Phe Phe Val Thr Leu Leu Tyr Val
1 5 10 15
Asn Thr Val Thr Leu Ala Pro Asn Val Asn Met Glu Ser Ser Arg Asn
20 25 30
Ala His Ser Pro Ala Thr Pro Ser Ala Lys Arg Lys Asp Pro Asp Leu
35 40 45
Thr Trp Gly Gly Phe Val Phe Phe Phe Cys Gln Phe His
50 55 60

<210> 426

<211> 10

<212> PRT

<213> Homo sapiens

<400> 426

Lys Cys Arg Cys Lys Pro Asn Phe Phe Leu
1 5 10

<210> 427

<211> 9

<212> PRT

<213> Homo sapiens

<400> 427

Lys Cys Arg Cys Lys Pro Asn Phe Leu
1 5

<210> 428

<211> 9

<212> PRT

<213> Homo sapiens

<400> 428

Ser Leu Val Arg Leu Ser Ser Cys Val
1 5

<210> 429

<211> 14

<212> PRT

<213> Homo sapiens

<400> 429

Leu Val Lys Lys Leu Lys Glu Lys Lys Met Asn Trp Ile Leu
1 5 10

<210> 430

<211> 15

<212> PRT

<213> Homo sapiens

<400> 430

Leu Val Lys Lys Leu Lys Glu Lys Lys Lys Met Asn Trp Ile Leu
1 5 10 15

<210> 431

<211> 10

<212> PRT

<213> Homo sapiens

<400> 431

Leu Val Lys Lys Leu Lys Glu Lys Lys Arg
1 5 10

<210> 432

<211> 9

<212> PRT

<213> Homo sapiens

<400> 432

Leu Val Lys Lys Leu Lys Glu Lys Arg
1 5

<210> 433

<211> 9

<212> PRT

<213> Homo sapiens

<400> 433

Ala Ala Ile Val Lys Asp Cys Cys Arg
1 5

<210> 434

<211> 11

<212> PRT

<213> Homo sapiens

<400> 434

Ser Gln Pro Ala Ser Ile Leu Gly Arg Lys Leu
1 5 10

<210> 435

<211> 12

<212> PRT

<213> Homo sapiens

<400> 435

Ser Gln Pro Ala Ser Ile Leu Gly Lys Arg Lys Leu
1 5 10

<210> 436

<211> 18

<212> PRT

<213> Homo sapiens

<400> 436

Ser Gln Pro Ala Ser Ile Leu Gly Lys Ala Ala Ile Val Lys Asp Cys
1 5 10 15

Cys Arg

<210> 437

<211> 17

<212> PRT

<213> Homo sapiens

<400> 437

Ser Gln Pro Ala Ser Ile Leu Gly Ala Ala Ile Val Lys Asp Cys Cys
1 5 10 15

Arg

<210> 438

<211> 18

<212> PRT

<213> Homo sapiens

<400> 438

Lys Ser Leu Val Arg Leu Ser Ser Cys Val Pro Val Ala Leu Met Ser
1 5 10 15

Ala Met

<210> 439

<211> 9

<212> PRT

<213> Homo sapiens

<400> 439

Arg Leu Ser Ser Cys Val Pro Val Ala
1 5

<210> 440

<211> 9

<212> PRT

<213> Homo sapiens

<400> 440

Val Arg Leu Ser Ser Cys Val Pro Val
1 5

<210> 441

<211> 9

<212> PRT

<213> Homo sapiens

<400> 441

Leu Val Arg Leu Ser Ser Cys Val Pro
1 5

<210> 442

<211> 9

<212> PRT

<213> Homo sapiens

<400> 442

Ser Cys Val Pro Val Ala Leu Met Ser
1 5

<210> 443

<211> 9

<212> PRT

<213> Homo sapiens

<400> 443

Ser Ser Cys Val Pro Val Ala Leu Met
1 5

<210> 444

<211> 9

<212> PRT

<213> Homo sapiens

<400> 444

Leu Ser Ser Cys Val Pro Val Ala Leu
1 5

<210> 445

<211> 9

<212> PRT

<213> Homo sapiens

<400> 445

Val Pro Val Ala Leu Met Ser Ala Met
1 5

<210> 446

<211> 9

<212> PRT

<213> Homo sapiens

<400> 446

Cys Val Pro Val Ala Leu Met Ser Ala
1 5

<210> 447

<211> 9

<212> PRT

<213> Homo sapiens

<400> 447

Lys Lys Lys Ser Leu Val Arg Leu Ser
1 5

<210> 448

<211> 9

<212> PRT

<213> Homo sapiens

<400> 448

Glu Lys Lys Lys Ser Leu Val Arg Leu
1 5

<210> 449

<211> 9

<212> PRT

<213> Homo sapiens

<400> 449

Lys Glu Lys Lys Lys Ser Leu Val Arg
1 5

<210> 450

<211> 9

<212> PRT

<213> Homo sapiens

<400> 450

Met Lys Glu Lys Lys Lys Ser Leu Val
1 5

<210> 451

<211> 9

<212> PRT

<213> Homo sapiens

<400> 451

Ile Met Lys Glu Lys Lys Lys Ser Leu
1 5

<210> 452

<211> 9

<212> PRT

<213> Homo sapiens

<400> 452

Lys Cys Ile Met Lys Glu Lys Lys Ala
1 5

<210> 453

<211> 9

<212> PRT

<213> Homo sapiens

<400> 453

Cys Ile Met Lys Glu Lys Lys Ala Trp
1 5

<210> 454

<211> 9

<212> PRT

<213> Homo sapiens

<400> 454

Cys Ile Met Lys Glu Lys Lys Lys Ala
1 5

<210> 455

<211> 9

<212> PRT

<213> Homo sapiens

<400> 455

Ile Met Lys Glu Lys Lys Lys Ala Trp
1 5

<210> 456

<211> 13

<212> PRT

<213> Homo sapiens

<400> 456

His Pro Ser Trp Pro Trp Thr Arg Cys Leu Arg Met Arg
1 5 10

<210> 457

<211> 14

<212> PRT

<213> Homo sapiens

<400> 457

Arg His Pro Ser Trp Pro Trp Thr Arg Cys Leu Arg Met Arg
1 5 10

<210> 458

<211> 16

<212> PRT

<213> Homo sapiens

<400> 458

Gly Ala Ser Gly Cys Val His Gln Glu Ala Glu Arg Val Ser Gln Ala
1 5 10 15

<210> 459

<211> 20

<212> PRT

<213> Homo sapiens

<400> 459

Asn Thr Trp Ala Lys Met Phe Phe Met Val Phe Leu Ile Ile Trp Gln
1 5 10 15

Asn Thr Met Phe
20